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1.414.1 Available under license
1.415 libclass-load-perl 0.17 :Angel Abad 13 Feb 2012
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- 1.444 libhttp-daemon-perl 6.01 :2012-02-18**
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- 1.563 libxml-parser-perl 2.36-1.1+b1**
 - 1.563.1 Available under license
- 1.564 libxml-sax-base-perl 1.07 :2011-09-10**
 - 1.564.1 Available under license
- 1.565 libxml-sax-perl 0.96+dfsg-2**
 - 1.565.1 Available under license
- 1.566 libxml-simple-perl 2.18-3**
 - 1.566.1 Available under license
- 1.567 libxml-twig-perl 1:3.34-1**
 - 1.567.1 Available under license
- 1.568 libxml-xpath-perl 1.13-7**
 - 1.568.1 Available under license
- 1.569 libxml2 2.7.6 :17.el6_6.1**
 - 1.569.1 Available under license
- 1.570 libxml2 2.7.8.dfsg-2+squeeze6**
 - 1.570.1 Available under license
- 1.571 libxml2 2.7.6 :20.el6_7.1**
 - 1.571.1 Available under license
- 1.572 libxmu 2:1.0.5-2**
 - 1.572.1 Available under license
- 1.573 libXpm 3.5.10 :2.el6**
 - 1.573.1 Available under license
- 1.574 libxpm 1:3.5.8-1**
 - 1.574.1 Available under license
- 1.575 libXrandr 1.4.1 :2.1.el6**
 - 1.575.1 Available under license
- 1.576 libxrandr 2:1.3.0-3**

1.576.1 Available under license
1.577 libXrender 0.9.8 :2.1.el6
1.577.1 Available under license
1.578 libxrender 1:0.9.6-1
1.578.1 Available under license
1.579 libxslt 1.1.26 :2.el6_3.1
1.579.1 Available under license
1.580 libxslt 1.1.26-6+squeeze2
1.580.1 Available under license
1.581 libxslt - tutorials 1.1.26 :2.el6_3.1
1.581.1 Available under license
1.582 libxss 1:1.2.0-2
1.582.1 Available under license
1.583 libxt 1:1.0.7-1
1.583.1 Available under license
1.584 libXtst 1.2.2 :2.1.el6
1.584.1 Available under license
1.585 libxtst 2:1.1.0-3
1.585.1 Available under license
1.586 libxv 2:1.0.5-1
1.586.1 Available under license
1.587 libxxf86dga 2:1.1.1-2
1.587.1 Available under license
1.588 libxxf86vm 1:1.1.0-2
1.588.1 Available under license
1.589 lighttpd 1.4.28-2+squeeze1.2
1.589.1 Available under license
1.590 lilo 1:22.8-10
1.590.1 Available under license
1.591 linux-atm 1:2.5.1-1.2
1.591.1 Available under license
1.592 linux-base 3.5
1.592.1 Available under license
1.593 linux-image-3.2.0-4-686-pae 3.2.57-3+deb7u2
1.593.1 Available under license
1.594 live-boot 3.0.1-1
1.594.1 Available under license
1.595 live-config 3.0.23-1
1.595.1 Available under license

- 1.596 lm-sensors 1:2.10.8-2**
 - 1.596.1 Available under license
- 1.597 lm_sensors 3.1.1 :17.el6**
 - 1.597.1 Available under license
- 1.598 lm_sensors-libs 3.1.1 :17.el6**
 - 1.598.1 Available under license
- 1.599 Log4j 1.2.16**
 - 1.599.1 Available under license
- 1.600 Log4j 1.2.12**
 - 1.600.1 Available under license
- 1.601 Log4J 1.2.16**
 - 1.601.1 Available under license
- 1.602 logrotate 3.7.8 :17.el6**
 - 1.602.1 Available under license
- 1.603 logrotate 3.7.8-6**
 - 1.603.1 Available under license
- 1.604 lsb 3.2-23.2squeeze1**
 - 1.604.1 Available under license
- 1.605 lsof 4.82 :4.el6**
 - 1.605.1 Notifications
 - 1.605.2 Available under license
- 1.606 lsof 4.81.dfsg.1-1**
 - 1.606.1 Available under license
- 1.607 lsof_soft_res_script 4.82 :2.el6**
 - 1.607.1 Available under license
- 1.608 lsscsi 0.23 :2.el6**
 - 1.608.1 Available under license
- 1.609 lua 5.1.4**
 - 1.609.1 Available under license
- 1.610 lua 5.1.4 :4.1.el6**
 - 1.610.1 Available under license
- 1.611 lvm2 2.02.111 :2.el6**
 - 1.611.1 Available under license
- 1.612 lvm2_libs 2.02.87 :6.el6**
 - 1.612.1 Available under license
- 1.613 lzma 4.43-14**
 - 1.613.1 Available under license
- 1.614 lzo 2.03 :3.1.el6_5.1**
 - 1.614.1 Available under license

- 1.615 Izo2 2.03-2**
 - 1.615.1 Available under license
- 1.616 m4 1.4.13 :5.el6**
 - 1.616.1 Available under license
- 1.617 make 3.81 :20.el6**
 - 1.617.1 Available under license
- 1.618 MAKEDEV 3.24 :6.el6**
 - 1.618.1 Available under license
- 1.619 makedev 2.3.1-89**
- 1.620 mawk 1.3.3-15**
 - 1.620.1 Available under license
- 1.621 mcstrans 0.3.1 :4.el6**
 - 1.621.1 Available under license
- 1.622 mdadm 3.3 :6.el6**
 - 1.622.1 Available under license
- 1.623 mdnsresponder 108**
 - 1.623.1 Available under license
- 1.624 mesa 7.7.1-5**
 - 1.624.1 Available under license
- 1.625 mgetty 1.1.36 :8.el6**
 - 1.625.1 Available under license
- 1.626 mime-support 3.48-1**
- 1.627 mimepull 1.6**
 - 1.627.1 Available under license
- 1.628 mingetty 1.08 :5.el6**
 - 1.628.1 Available under license
- 1.629 minicom 2.4-3**
 - 1.629.1 Available under license
- 1.630 mockito 1.8.5**
 - 1.630.1 Available under license
- 1.631 module-init-tools 3.9 :24.el6**
 - 1.631.1 Available under license
- 1.632 mongoose web server 2.9**
 - 1.632.1 Available under license
- 1.633 mpplib 0.9-4**
 - 1.633.1 Available under license
- 1.634 mpfr4 3.1.0-5**
 - 1.634.1 Available under license
- 1.635 mt-st 1.1 :5.el6**

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1.636 mtdev 1.1.2-1
1.636.1 Available under license
1.637 MultipartRequest 1.30 :rc1
1.637.1 Available under license
1.638 mysql 5.1.73 :3.el6_5
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1.639.1 Available under license
1.640 nc 1.84 :22.el6
1.640.1 Available under license
1.641 ncurses 5.7 :3.20090208.el6
1.641.1 Available under license
1.642 ncurses 5.7+20100313-5
1.642.1 Available under license
1.643 ndisc6 0.7.1 :1.el5.rf
1.643.1 Available under license
1.644 ndisc6 1.0.1 :1.el6
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1.645 neethi 2.0.4
1.645.1 Available under license
1.646 neon 0.30.1
1.646.1 Available under license
1.647 Net SNMP 5.0.9
1.647.1 Available under license
1.648 net-snmp 5.4.3~dfsg-2
1.648.1 Available under license
1.649 net-snmp 5.5 :49.el6_5.1
1.649.1 Available under license
1.650 net-tools 1.60-23
1.650.1 Available under license
1.651 net-tools 1.60 :110.el6_2
1.651.1 Available under license
1.652 netbase 4.45
1.652.1 Available under license
1.653 netperf 2.4.4-6.1
1.653.1 Available under license
1.654 newt 0.52.11-1
1.654.1 Available under license

- 1.655 newt 0.52.11 :3.el6**
 - 1.655.1 Available under license
- 1.656 nspr 4.10.6 :1.el6_5**
 - 1.656.1 Available under license
- 1.657 nspr 4.11.0 :0.1.el6_7.x86_64.rpm**
 - 1.657.1 Available under license
- 1.658 nss 3.21.0 :0.3.el6_7**
 - 1.658.1 Available under license
- 1.659 nss 3.16.1 :14.el6**
 - 1.659.1 Available under license
- 1.660 nss 3.12.3.1-0lenny3**
 - 1.660.1 Available under license
- 1.661 nss-softokn 3.14.3 :17.el6**
 - 1.661.1 Available under license
- 1.662 nss-softokn 3.14.3 :23.el6_7**
 - 1.662.1 Available under license
- 1.663 nss-softokn - mpi 3.14.3 :3.el6_4**
 - 1.663.1 Available under license
- 1.664 nss-softokn-freebl 3.14.3 :23.el6_7**
 - 1.664.1 Available under license
- 1.665 nss-util 3.16.1 :3.el6**
 - 1.665.1 Available under license
- 1.666 ntp 4.2.6p5 :10.el6**
 - 1.666.1 Available under license
- 1.667 ntp 1:4.2.6.p2+dfsg-1+b1**
 - 1.667.1 Available under license
- 1.668 ntp_GPL 4.2.4p8 :2.el6**
 - 1.668.1 Available under license
- 1.669 numactl 2.0.9 :2.el6**
 - 1.669.1 Available under license
- 1.670 opencsv 3.3**
 - 1.670.1 Available under license
- 1.671 OpenJpa 2.2.0**
 - 1.671.1 Available under license
- 1.672 openldap 2.4.40 :6.el6_7**
 - 1.672.1 Available under license
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 - 1.673.1 Available under license
- 1.674 openldap 2.4.33**

- 1.674.1 Available under license
- 1.675 openldap/nss-pam-ldapd 2.4.23 :34.el6_5.1**
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- 1.677 openssh 5.3p1 :84.1.el6**
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- 1.678 openssh 5.3p1 :118.1.el6_8**
 - 1.678.1 Available under license
- 1.679 openssh 5.3p1 :104.el6**
 - 1.679.1 Available under license
- 1.680 openssh 1:5.1p1-5**
 - 1.680.1 Available under license
- 1.681 openssh 5.1p1**
 - 1.681.1 Available under license
- 1.682 openssh-blacklist 0.4.1**
 - 1.682.1 Available under license
- 1.683 openssl 1.0.1e :30.el6_6.2**
 - 1.683.1 Available under license
- 1.684 openssl 1.0.1e :48.el6_8.1**
 - 1.684.1 Available under license
- 1.685 openssl 1.0.1e :30.el6_6.7**
 - 1.685.1 Available under license
- 1.686 openssl 0.9.8g-15+lenny6.ocf**
 - 1.686.1 Available under license
- 1.687 OpenSSL 1.0.1g**
 - 1.687.1 Notifications
 - 1.687.2 Available under license
- 1.688 openssl 0.9.8o-4squeeze14**
 - 1.688.1 Available under license
- 1.689 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0**
 - 1.689.1 Notifications
 - 1.689.2 Available under license
- 1.690 openssl-blacklist 0.5-2**
 - 1.690.1 Available under license
- 1.691 OpenSSO 8.0**
 - 1.691.1 Available under license
- 1.692 openswan 2.6.32 :37.el6**
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1.693 OpenWS 1.4.4

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1.694 p11-kit 0.18.5 :2.el6_5.2

1.694.1 Available under license

1.695 p11-kit 0.12-3

1.695.1 Available under license

1.696 pam 1.0.1-5+lenny1

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1.697 pam 1.1.1 :20.el6

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1.698 pam 1.1.1 :20.el6_7.1

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1.699 pam_GPLv2 1.1.1 :13.el6

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1.700 pam_krb5 2.3.11 :9.el6

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1.701 pam_krb5_scripts 2.3.11 :9.el6

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1.702 pango 1.28.1 :10.el6

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1.703 pango1.0 1.20.5-6

1.703.1 Available under license

1.704 paranamer 2.6

1.704.1 Available under license

1.705 passwd 0.77 :4.el6_2.2

1.705.1 Available under license

1.706 patch 2.6 :6.el6

1.706.1 Available under license

1.707 pciutils 1:3.1.7-6

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1.708 pciutils 3.1.10 :4.el6

1.708.1 Available under license

1.709 pcre 5.0

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1.710 pcre 7.8 :6.el6

1.710.1 Available under license

1.711 pcre3 8.02-1.1

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1.712 perl 5.10.1 :130.el6_4

1.712.1 Available under license
1.713 perl 5.10.1-17squeeze5
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1.714 pflogsumm 1.1.1
1.714.1 Available under license
1.715 pinentry 0.7.6 :6.el6
1.715.1 Available under license
1.716 pixman 0.16.4-1
1.716.1 Available under license
1.717 pixman 0.32.4 :4.el6
1.717.1 Available under license
1.718 pkgconfig 0.23 :9.1.el6
1.718.1 Available under license
1.719 pkgconfig_glib 0.23 :9.1.el6
1.719.1 Available under license
1.720 plymouth 0.8.3 :27.el6_5.1
1.720.1 Available under license
1.721 pm-utils 1.2.5 :11.el6
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1.722 pm-utils 1.2.5 :9.el6
1.722.1 Available under license
1.723 poi 3.7
1.723.1 Available under license
1.724 policycoreutils 2.0.83 :19.47.el6
1.724.1 Available under license
1.725 polkit 0.96 :7.el6
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1.726 popt 1.16-1
1.726.1 Available under license
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1.728 portreserve 0.0.4 :9.el6
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1.729 postfix 2.6.6 :6.el6_5
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1.730 postgresql 9.1.4 :2012-06-04
1.730.1 Available under license
1.731 postgresql-jdbc 9.0-801
1.731.1 Available under license

- 1.732 postgresql-jdbc 9.4 :1208**
 - 1.732.1 Available under license
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 - 1.733.1 Available under license
- 1.734 procps 3.2.8 :21.el6**
 - 1.734.1 Available under license
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 - 1.735.1 Available under license
- 1.736 procps 1:3.2.8-9squeeze1**
 - 1.736.1 Available under license
- 1.737 procps_libs 3.2.8 :21.el6**
 - 1.737.1 Available under license
- 1.738 psmisc 22.6 :19.el6_5**
 - 1.738.1 Available under license
- 1.739 psqlodbc 09.01.0100**
 - 1.739.1 Available under license
- 1.740 pth 2.0.7 :9.3.el6**
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- 1.741 pump 0.8.24-7**
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 - 1.742.1 Available under license
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- 1.744 python 2.6.6 :64.el6**
 - 1.744.1 Available under license
- 1.745 python-decorator 3.0.1 :3.1.el6**
 - 1.745.1 Available under license
- 1.746 python-defaults 2.5.2-3**
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- 1.747 python-paramiko 1.7.5 :2.1.el6**
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- 1.748 python-slip 0.2.20 :1.el6_2**
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- 1.750 python2.7 2.7.3-6+deb7u2**
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- 1.751 PyXML 0.8.4 :19.el6**

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- 1.752 Quartz 1.5.2**
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 - 1.755.1 Available under license
- 1.756 readline5 5.2-7**
 - 1.756.1 Available under license
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- 1.758 realpath 1.15**
 - 1.758.1 Available under license
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 - 1.759.1 Available under license
- 1.760 redhat-release-server 6Server :6.6.0.2.el6**
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- 1.761 reflections 0.9.9-RC1**
 - 1.761.1 Available under license
- 1.762 resolvconf 1.46**
 - 1.762.1 Available under license
- 1.763 rpm 4.8.0 :37.el6**
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- 1.765 rsync 3.0.7-2**
 - 1.765.1 Available under license
- 1.766 rsyslog 5.8.10 :6.el6**
 - 1.766.1 Available under license
- 1.767 rsyslog 5.8.10 :9.el6_6**
 - 1.767.1 Available under license
- 1.768 rsyslog 5.8.10 :10.el6_6**
 - 1.768.1 Available under license
- 1.769 rtmpdump 2.4+20111222.git4e06e21-1**
 - 1.769.1 Available under license
- 1.770 saaj-api 1.3**
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1.778 selinux-policy 3.7.19 :260.el6_6.1

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1.779 sensible-utils 0.0.7 :Anibal Monsalve Salazar 14 May 2012

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1.780 serializer 2.7.1

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1.784 setroubleshoot-plugins 3.0.40 :2.el6

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1.788 sg3_utils 1.28 :6.el6

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1.789 sgpio 1.2.0.10 :5.el6

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1.790 shadow 1:4.1.4.2+svn3283-2+squeeze1

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1.791 shadow-utils 4.1.4.2 :19.el6

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1.792 shared-mime-info 0.70 :6.el6

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1.793 shared-mime-info 1.0-1+b1

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1.794 sinjdoc 0.5 :9.1.el6

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1.796 slang2 2.2.2-4

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1.802 snmp4j 1.11.2

1.803 snmp4j-agent 1.4.2

1.804 sos 3.2 :28.el6

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1.806 spring-asm 3.0.0.RELEASE

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1.809.1 Available under license

1.810 spring-web 2.5.6

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- 1.811 sqlite 3.6.20 :1.el6_7.2**
 - 1.811.1 Available under license
- 1.812 sqlite3 3.7.3-1**
 - 1.812.1 Available under license
- 1.813 squashfs-tools 4.0 :5.el6**
 - 1.813.1 Available under license
- 1.814 sshfs-fuse 2.3 :1**
 - 1.814.1 Available under license
- 1.815 standard 1.1.2**
 - 1.815.1 Available under license
- 1.816 star 1.5 :11.1.el6_5**
 - 1.816.1 Available under license
- 1.817 staticsox 14.4.1**
 - 1.817.1 Available under license
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 - 1.818.1 Available under license
- 1.819 STLPort 5.2.1**
- 1.820 strace 4.5.19 :1.19.el6**
 - 1.820.1 Available under license
- 1.821 stripes 1.5.6**
 - 1.821.1 Available under license
- 1.822 Struts 2 Core 2.3.16.3 :2.3.16.3**
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- 1.823 struts-legacy 1.1**
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 - 1.823.2 Available under license
- 1.824 stumpwm 1:20090804.git9d6cb388-1**
 - 1.824.1 Available under license
- 1.825 stunnel 4.29 :2009.12.02**
 - 1.825.1 Available under license
- 1.826 stunnel 4.29 :3.el6_6.1**
 - 1.826.1 Available under license
- 1.827 sudo 1.8.6p3 :19.el6**
 - 1.827.1 Available under license
- 1.828 sudo 1.8.6p3**
 - 1.828.1 Available under license
- 1.829 sudo 1.7.4p4-2.squeeze.3**
 - 1.829.1 Available under license

- 1.830 sun-saaj-1.3-api 1.3 :4.jpp6**
 - 1.830.1 Available under license
- 1.831 swagger-core_2.10 1.3.7**
 - 1.831.1 Available under license
- 1.832 switch-perl 2.16 :Oct 23 2009**
 - 1.832.1 Available under license
- 1.833 sysfsutils 2.1.0 :7.el6**
 - 1.833.1 Available under license
- 1.834 sysfsutils 2.1.0+repack-1**
 - 1.834.1 Available under license
- 1.835 sysfsutils - lib 2.1.0 :7.el6**
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 - 1.836.1 Available under license
- 1.837 syslog-ng 3.2.5 :3.el6**
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- 1.838 syslog-ng_modules 3.2.5 :3.el6**
 - 1.838.1 Available under license
- 1.839 sysstat 9.0.4 :27.el6**
 - 1.839.1 Available under license
- 1.840 systemd 44-11+deb7u4**
 - 1.840.1 Available under license
- 1.841 sysvinit 2.87 :5.dsfl6**
 - 1.841.1 Available under license
- 1.842 sysvinit 2.88dsf-13.1+squeeze1**
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- 1.843 tar 1.23 :11.el6**
 - 1.843.1 Available under license
- 1.844 tar 1.23-3**
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 - 1.846.1 Available under license
- 1.847 tcp_wrappers 7.6 :57.el6**
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- 1.848 tcpdump 4.1.1-1**
 - 1.848.1 Available under license
- 1.849 tcpdump 4.0.0 :3.20090921gitdf3cb4.2.el6**

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1.850 tcsh 6.17 :24.el6
1.850.1 Available under license
1.851 texinfo 4.13a :8.el6
1.851.1 Available under license
1.852 tftp 0.49 :7.el6
1.852.1 Available under license
1.853 tiff3 3.9.6-11
1.853.1 Available under license
1.854 time 1.7 :37.1.el6
1.854.1 Available under license
1.855 tmpwatch 2.9.16 :4.el6
1.855.1 Available under license
1.856 Tomcat 7.0.59
1.856.1 Available under license
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1.865.1 Available under license
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 - 1.959.1 Available under license
- 1.960 zip 3.0 :1.el6**
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 - 1.961.1 Available under license
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1.1 ACE+TAO+CIAO 6.1.1

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TAO/orbsvcs/IFR_Service/drv_*_ifr.*

TAO/*/be_produce.cpp

TAO/*/be_extern.h

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TAO/tao/DynamicInterface/Request.h

TAO/tao/DynamicInterface/Server_Request.h

TAO/tao/default_ports.h

TAO/tao/Stub.h

TAO/tao/corba.h

TAO/tao/GIOP_Message_Base.h

TAO/tao/Stub.cpp

TAO/tao/Object.h

TAO/tao/TAO_Server_Request.h

TAO/tao/CDR.h

TAO/tao/orbconf.h

TAO/tao/AnyTypeCode/Marshal.cpp

TAO/tao/AnyTypeCode/append.cpp

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*/

```
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# This script emulates bsd install and also recognises
# two environment variables, with the following semantics :-
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```

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1.3 acl 2.2.49-4

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```

```
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```

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1.4 acl_v2 2.2.49 :6.el6

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1.5 acpid 1.0.10 :2.1.el6

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1.7 adduser 3.112+nmu2

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1.8 affinity 1.6

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1.9 alsa-lib 1.0.23-2.1

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Since September 2002 it has been maintained by the participants in
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 *
 * Author: Jaroslav Kysela <perex@perex.cz>
 *
 * Author of bandpass filter sweep effect:
 * Maarten de Boer <mdeboer@iua.upf.es>
 *
 * This small demo program can be used for measuring latency between
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 *
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Commons BeanUtils Package
Version 1.8.3
Release Notes

INTRODUCTION:

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This document contains the release notes for this version of the Commons BeanUtils package, and highlights changes since the previous version.

For more information on Commons BeanUtils, see
o <http://commons.apache.org/beanutils/>

Compatibility with 1.8.2

=====

BeanUtils 1.8.3 is binary compatible release with Beanutils 1.8.2, containing only bug fixes.

BeanUtils 1.8.3 requires a minimum of JDK 1.3.

Memory Leak

=====

A memory leak was found in BeanUtils 1.7.0 (see BEANUTILS-291) which was fixed in BeanUtils 1.8.0 for JDK 1.5+.

Testing of BeanUtils 1.8.1 revealed that the leak still appears to exist in IBM's JDK 1.6 implementation.

see <http://issues.apache.org/jira/browse/BEANUTILS-291>
<http://issues.apache.org/jira/browse/BEANUTILS-366>

BUGS FIXED:

=====

The following is a list of the bugs fixed in this release, with their Jira issue number:

* [BEANUTILS-373] - MethodUtils is not thread safe because WeakFastHashMap which uses WeakHashMap is not thread-safe

* [BEANUTILS-371] - Add constructors which have useColumnLabel parameter to ResultSetDynaClass and RowSetDynaClass

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/******

* NCSA HTTPd Server
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* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
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```
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=====
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```
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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1.36 apt 0.8.10.3+squeeze1

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```

```
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1.37 apt-show-versions 0.16+squeeze1

1.37.1 Available under license :

```
# apt-show-versions - Lists available package versions with distribution

# This program parses the dpkg status file and the APT lists for the
# installed and available package versions and distribution and shows
# upgrade options within the specific distribution of the selected
# package

# Copyright (C) 2001 Christoph Martin

# Author: Christoph Martin <martin@uni-mainz.de>
# Maintainer: Christoph Martin <martin@uni-mainz.de>
# Version: 0.16

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This package was debianized by Christoph Martin
<christoph.martin@uni-mainz.de> on Tue, 4 Dec 2001 15:47:04 +0100.

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TH ARPTABLES 8 "August 2007"

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```

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```

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Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to

permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a

work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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1.49 atk1.0 1.30.0-1

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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<signature of Ty Coon>, 1 April 1989

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#
```

```
# Calling this script install-sh is preferred over install.sh, to prevent
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# when there is no Makefile.
```

```
#
```

```
# This script is compatible with the BSD install script, but was written
# from scratch.
```


1.59 avahi 0.6.31-2

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```
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```

```
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```

```
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```

```
set -e
```

```
# Command line arguments:
```

```
# $1 event that happened:
```

```
# BIND: Successfully claimed address
```

```
# CONFLICT: An IP address conflict happened
```

```
# UNBIND: The IP address is no longer needed
```

```
# STOP: The daemon is terminating
```

```
# $2 interface name
```

```
# $3 IP address
```

```
# We have the BSD ifconfig tool
```

```
case "$1" in
```

```
BIND)
```

```
ifconfig "$2" "$3"/16
```

```

;;

CONFLICT|STOP|UNBIND)
ifconfig "$2" "$3"/16 delete
;;

*)
echo "Unknown event $1" >&2
exit 1
;;
esac

exit 0

```

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1.60 avahi 0.6.25 :15.e16

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```
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```

```
# $Id$
```

```
#
```

```
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```

```
#
```

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set -e

Command line arguments:

\$1 event that happened:

BIND: Successfully claimed address

CONFLICT: An IP address conflict happened

UNBIND: The IP address is no longer needed

STOP: The daemon is terminating

\$2 interface name

\$3 IP address

We have the BSD ifconfig tool

case "\$1" in

BIND)

ifconfig "\$2" "\$3"/16

::

CONFLICT|STOP|UNBIND)

ifconfig "\$2" "\$3"/16 delete

::

*)

echo "Unknown event \$1" >&2

exit 1

::

esac

exit 0

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```

```

# `make' implicit rules from creating a file called install from it
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1.62 axis 1.4

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1.64 axis-jaxrpc 1.4

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Appendix: How to Apply These Terms to Your New Programs

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```
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```

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```
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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may

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Version 3, 29 June 2007

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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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1.68 base-passwd 3.5.22

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1.69 bash 4.1-3

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From mikel@ora.com Tue Aug 1 12:13:20 1995

Flags: 10

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id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)

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Date: Tue, 1 Aug 95 08:57:32 EDT
From: mikel@ora.com (Michael Loukides)
Message-Id: <9508011257.AA00672@los.ora.com>
Subject: Re: Ksh debugger from Rosenblatt's book [for bash]
To: Chet Ramey <chet@odin.INS.CWRU.Edu>
Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com
In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

I've modified a (modified) version of Bill Rosenblatt's ksh debugger to work with bash-2.0. Does ORA have any problem with me distributing it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and stick it in our ftp archive, and put a reference to it in the book. (Too late to actually discuss the thing, at least for this edition).

From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins) id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
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Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on >the FSF machines (naughty, I know), and I was wondering if you'd let >me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in ~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)

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```

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From mikel@ora.com Tue Aug 1 12:13:20 1995

Flags: 10

Return-Path: mikel@ora.com

Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP (8.6.12+cwru/CWRU-2.1-ins)

id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)

Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995 12:07:51 -0400

Received: by los.ora.com (4.1/Spike-2.1)

id AA00672; Tue, 1 Aug 95 08:57:32 EDT

Date: Tue, 1 Aug 95 08:57:32 EDT

From: mikel@ora.com (Michael Loukides)

Message-Id: <9508011257.AA00672@los.ora.com>

Subject: Re: Ksh debugger from Rosenblatt's book [for bash]

To: Chet Ramey <chet@odin.INS.CWRU.Edu>

Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com

In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

I've modified a (modified) version of Bill Rosenblatt's ksh debugger to work with bash-2.0. Does ORA have any problem with me distributing it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and stick it in our ftp archive, and put a reference to it in the book. (Too late to actually discuss the thing, at least for this edition).

From spcedt@armory.com Wed May 10 10:21:11 1995

Flags: 10

Return-Path: spcedt@armory.com

Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)

id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from spcedt@armory.com for <chet@odin.INS.CWRU.Edu>)

Received: from deepthought.armory.com (mmdf@deepthought.armory.com [192.122.209.42]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)

id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from spcedt@armory.com for <chet@po.cwru.edu>)

From: John DuBois <spcedt@armory.com>

Date: Tue, 9 May 1995 22:33:12 -0700

In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>

"ksh scripts" (May 9, 1:36pm)

X-Www: <http://www.armory.com/~spcedt/>

X-Mailer: Mail User's Shell (7.2.5 10/14/92)

To: chet@po.cwru.edu

Subject: Re: ksh scripts

Message-ID: <9505092233.aa13001@deepthought.armory.com>

Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

```
} Subject: ksh scripts
} From odin.ins.cwru.edu!chet Tue May 9 10:39:51 1995
} Received: from odin.INS.CWRU.Edu by deepthought.armory.com id aa22336;
} 9 May 95 10:39 PDT
} Received: (chet@localhost) by odin.INS.CWRU.Edu (8.6.10+cwru/CWRU-2.1-ins)
} id NAA20487; Tue, 9 May 1995 13:39:24 -0400 (from chet)
} Date: Tue, 9 May 1995 13:36:54 -0400
} From: Chet Ramey <chet@odin.ins.cwru.edu>
} To: john@armory.com
} Subject: ksh scripts
} Cc: chet@odin.ins.cwru.edu
```

```
} Reply-To: chet@po.cwru.edu
} Message-ID: <9505091736.AA20411.SM@odin.INS.CWRU.Edu>
} Read-Receipt-To: chet@po.CWRU.Edu
} MIME-Version: 1.0
} Content-Type: text/plain; charset=us-ascii
} Status: OR
}
} Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for
} the FSF.
}
} I picked up a tar file of ksh scripts you wrote from an anon FTP site
} a while back. I'd like your permission to include modified versions
} of some of them in the next major bash distribution (with proper credit
} given, of course). Is it OK if I do that?
}
} Chet Ramey
}
} --
} ``The lyf so short, the craft so long to lerne." - Chaucer
}
} Chet Ramey, Case Western Reserve University Internet: chet@po.CWRU.Edu
}-- End of excerpt from Chet Ramey
From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP
(8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST
```

>Hi. I snagged some of your bash functions from your home directory on
>the FSF machines (naughty, I know), and I was wondering if you'd let
>me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and

es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)

1.71 bash-completion 1:1.2-3

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Version 2, June 1991

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```
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```

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1.72 bc 1.06.95 :1.e16

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* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* `admin/check-style.sh`, `admin/check-style-common.awk`, `admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* `admin/check-style.sh`, `admin/check-style-common.awk`, `admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

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1.75 bind 9.8.2 :0.30.rc1.el6_6.2

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<!-- $Id: copyright.xml,v 1.8 2009-07-10 23:47:58 tbox Exp $ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

  <xsl:template name="isc.copyright.format">
    <xsl:param name="text"/>
    <xsl:value-of select="$isc.copyright.leader"/>
    <xsl:value-of select="normalize-space(substring-before($text, '#10;'))"/>
    <xsl:text>#10;</xsl:text>
    <xsl:variable name="rest" select="substring-after($text, '#10;')"/>
    <xsl:if test="translate($rest, '#9;#32;', '')">
      <xsl:call-template name="isc.copyright.format">
        <xsl:with-param name="text" select="$rest"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:template>

  <xsl:variable name="isc.copyright.text">
    <xsl:text>
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```
</xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="holder"/>
  <xsl:text> &#10;</xsl:text>
</xsl:for-each>
<xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
</xsl:call-template>
</xsl:variable>

</xsl:stylesheet>
```

<!--

- Local variables:
- mode: sgml
- End:

-->

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* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

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1.76 bind9 1:9.8.4.dfsg.P1-6+nmu2+deb7u1

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The development of Dynamically Loadable Zones (DLZ) for Bind 9 was

conceived and contributed by Rob Butler.

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

<!--

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-->

<!-- \$Id: copyright.xsl,v 1.8 2009/07/10 23:47:58 tbox Exp \$ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '#10;'))"/>

<xsl:text>#10;</xsl:text>

<xsl:variable name="rest" select="substring-after(\$text, '#10;')"/>

<xsl:if test="translate(\$rest, '#9;#32;', '')">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text" select="\$rest"/>

</xsl:call-template>

</xsl:if>

</xsl:template>

<xsl:variable name="isc.copyright.text">

<xsl:text>

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</xsl:text>

</xsl:variable>

<xsl:variable name="isc.copyright">

<xsl:call-template name="isc.copyright.format">

<xsl:with-param name="text">

<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">

<xsl:text>Copyright (C) </xsl:text>

<xsl:call-template name="copyright.years">

<xsl:with-param name="years" select="year"/>

</xsl:call-template>

<xsl:text> </xsl:text>

```
<xsl:value-of select="holder"/>
<xsl:text>#10;</xsl:text>
</xsl:for-each>
<xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
  </xsl:call-template>
</xsl:variable>

</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
-->
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```

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1.77 binutils 2.20.51.0.2 :5.36.e16

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Version 3, 29 June 2007

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Version 2, June 1991

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it

in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means

all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any

application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the

copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise

permitted, and provided that you do these two things:

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a

combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may

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* Java HTML Tidy - JTidy

* HTML parser and pretty printer

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1.79 boost 1.55.0

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1.81 bsdmainutils 8.0.13

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Then the package has been maintained by Charles Briscoe-Smith <cpbs@debian.org>. I gathered data for the 1999-2001 calendar files from various sources on the Internet, and I'd also like to thank Oliver Elphick, Julian Gilbey, Daniel Martin and Jaldhar H. Vyas for providing much useful data on the various religious calendars. I have edited the files they provided to fit calendar's requirements, so any errors should be attributed to me.

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1.83 busybox 1:1.17.1-8

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jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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bzip2 applet in busybox is based on lightly-modified source
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=====

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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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/*

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*/
```

From gsf@research.att.com Wed Mar 1 20:30:54 2006

Return-Path: <gsf@research.att.com>

X-Original-To: mps@bridge.intra

Delivered-To: mps@bridge.intra

Received: from localhost (localhost [127.0.0.1])

by localhost (Postfix) with ESMTP id B8C814E4F

for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:53 +0100 (CET)

Received: from mail.bridge.intra ([127.0.0.1])

by localhost (lnx.bridge.intra [127.0.0.1]) (amavisd-new, port 10024)

with LMTP id 05987-03 for <mps@bridge.intra>;

Wed, 1 Mar 2006 20:30:42 +0100 (CET)

Received: from pop.gmx.net (localhost [127.0.0.1])

by mail.bridge.intra (Postfix) with ESMTP id C8C73794D

for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:38 +0100 (CET)

X-Flags: 0000

Delivered-To: GMX delivery to ps.m@gmx.net

Received: (qmail invoked by alias); 01 Mar 2006 19:23:46 -0000

Received: from mail-red.research.att.com (EHLO mail-white.research.att.com) [192.20.225.110]

by mx0.gmx.net (mx085) with SMTP; 01 Mar 2006 20:23:46 +0100

Received: from raptor.research.att.com (raptor.research.att.com [135.207.23.32])

by mail-blue.research.att.com (Postfix) with ESMTP id B7929147CBB

for <ps.m@gmx.net>; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

Received: (from gsf@localhost)

by raptor.research.att.com (SGI-8.9.3p2/8.8.7) id OAA86112

for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)

From: Glenn Fowler <gsf@research.att.com>

Message-Id: <200603011923.OAA86112@raptor.research.att.com>
Organization: AT&T Research
X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>
To: mps@bridge.intra
Subject: Re: testregex licensing question
X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)
X-GMX-Antispam: 0 (Mail was not recognized as spam)
X-GMX-UID: lJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca
X-Virus-Scanned: by amavisd-new at localhost
Status: RO
X-Status:
X-Keywords:
X-UID: 44736

you may include it directly
retain the testregex.c header comment
it uses a very free license to maximize distribution
you can copy that .c comment to any test data files you use
using # comment style to be complete

let me know how it works with your libc
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:
> Hello Glenn!

> I would want to add testregex.c and the related *.dat files to the uClibc
> testsuite. uClibc is licensed under LGPL v2.1. I haven't found any
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --

> Peter S. Mazinger <ps dot m at gmx dot net> ID: 0xA5F059F2
> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2

1.85 bzip2 1.0.5-6+squeeze1

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.86 bzip2 1.0.5 :7.el6_0

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1.87 c-ares 1.7.5

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1.89 ca-certificates 20090814+nmu3squeeze1

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1.92 cairo 1.8.10-6

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```
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```

```
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```
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1.96 cl-ppcre 2.0.1-2

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Upstream Author: Dr. Edmund Weitz <edi@aghart.de>

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1.97 clisp 1:2.48-3

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```

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id <AA25733@mole.gnu.ai.mit.edu>; Sun, 18 Oct 92 18:59:05 -0400

Date: Sun, 18 Oct 92 18:59:05 -0400

From: rms@gnu.ai.mit.edu (Richard Stallman)

Message-Id: <9210182259.AA25733@mole.gnu.ai.mit.edu>

To: haible@ma2s2.mathematik.uni-karlsruhe.de

Subject: Common Lisp and Readline

Status: RO

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If you don't change to using the GPL, then you'll have to stop using readline. Readline's terms say that the whole program has to be under the GPL, and just having the user do the link doesn't change this. If the program is designed to run with readline as a part, then readline is a part of it.

An ordinary user can decide to link readline with a program and run it. That's different--this user is not doing distribution, and thus the GPL does not restrict what he can do.

From haible Fri Oct 30 18:54:38 1992
Return-Path: <haible>
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA28745; Fri, 30 Oct 92 18:54:37 +0100
Date: Fri, 30 Oct 92 18:54:37 +0100
From: haible (Bruno Haible)
Message-Id: <9210301754.AA28745@ma2s2.mathematik.uni-karlsruhe.de>
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu
Subject: Re: Common Lisp and Readline
Status: RO

> I hate to have to play this role with a fellow hacker, but...

I'm sorry too, as I am very indebted to the GNU project.

> Readline's terms say that the whole program has to be under
> the GPL, and just having the user do the link doesn't change this.

I don't agree. My lisp.a is not a "work based on libreadline.a". What I distribute is a "mere aggregation" of lisp.a and libreadline.a - the latter with source.

> If the program is designed to run with readline as a part, then readline
> is a part of it.

I could provide a libnoreadline.a and let the user choose to link lisp.a with either GNU's libreadline.a or my libnoreadline.a . Would that convince you that lisp.a "can be reasonably considered independent and separate work" ?

Bruno Haible

From rms@gnu.ai.mit.edu Fri Oct 30 22:19:16 1992
Return-Path: <rms@gnu.ai.mit.edu>
Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)

id AA28939; Fri, 30 Oct 92 22:19:14 +0100
Received: by mole.gnu.ai.mit.edu (5.65/4.0)
id <AA04907@mole.gnu.ai.mit.edu>; Fri, 30 Oct 92 16:09:54 -0500
Date: Fri, 30 Oct 92 16:09:54 -0500
From: rms@gnu.ai.mit.edu (Richard Stallman)
Message-Id: <9210302109.AA04907@mole.gnu.ai.mit.edu>
To: haible@ma2s2.mathematik.uni-karlsruhe.de
In-Reply-To: <9210301754.AA28745@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)
Subject: Common Lisp and Readline
Status: RO

> Readline's terms say that the whole program has to be under
> the GPL, and just having the user do the link doesn't change this.

I don't agree. My lisp.a is not a "work based on libreadline.a". What I distribute is a "mere aggregation" of lisp.a and libreadline.a - the latter with source.

I could provide a libnreadline.a and let the user choose to link lisp.a with either GNU's libreadline.a or my libnreadline.a . Would that convince you that lisp.a "can be reasonably considered independent and separate work" ?

No, and I doubt it would convince a judge either.

I'll have to insist that you stop using readline unless you make the program free.

From haible Sat Oct 31 01:08:00 1992
Return-Path: <haible>
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA29062; Sat, 31 Oct 92 01:08:00 +0100
Date: Sat, 31 Oct 92 01:08:00 +0100
From: haible (Bruno Haible)
Message-Id: <9210310008.AA29062@ma2s2.mathematik.uni-karlsruhe.de>
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu
Subject: Re: Common Lisp and Readline
Status: RO

> I'll have to insist that you stop using readline unless you make the
> program free.

I built a libnreadline.a that can be linked together with lisp.a, replacing libreadline.a .

I will reorganize the distribution into 2 independent parts:

- * clisp.lzh containing lisp.a and libnoreadline.a,
- * readline.tar.Z containing libreadline.a and its source.

The first one is enough to build a CLISP executable. It contains no GNU parts.

> I doubt it would convince a judge either.

The only thing CLISP will have to do with the readline library is that *THE USER* *MAY OPTIONALLY* link CLISP with the readline library.

No judge will admit that this gives you the right to determine the copyright of CLISP.

>From your own words:

- > An ordinary user can decide to link readline with a program and run
- > it. That's different--this user is not doing distribution, and thus
- > the GPL does not restrict what he can do.

If you still insist on me being wrong, then please tell me what part of the GNU GPL I am breaking. Or update the GNU GPL.

Bruno Haible

From haible Sat Oct 31 01:08:26 1992

Return-Path: <haible>

Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)

id AA29068; Sat, 31 Oct 92 01:08:25 +0100

Date: Sat, 31 Oct 92 01:08:25 +0100

From: haible (Bruno Haible)

Message-Id: <9210310008.AA29068@ma2s2.mathematik.uni-karlsruhe.de>

To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu

Subject: Readline & GPL

Status: RO

If someone was to turn the readline library into a shared library (a library that is needed at runtime by the executable, but not contained in the executable):

Would that mean that any executable that uses a readline shared lib would have to be accompanied with full source? Or would it, in the contrary, mean that such an executable may use the readline lib without "containing" it and without being affected by such copyright issues?

Bruno Haible

From rms@gnu.ai.mit.edu Sat Oct 31 01:11:59 1992

Return-Path: <rms@gnu.ai.mit.edu>

Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0) id AA29075; Sat, 31 Oct 92 01:11:56 +0100

Received: by mole.gnu.ai.mit.edu (5.65/4.0)

id <AA06772@mole.gnu.ai.mit.edu>; Fri, 30 Oct 92 19:02:38 -0500

Date: Fri, 30 Oct 92 19:02:38 -0500

From: rms@gnu.ai.mit.edu (Richard Stallman)

Message-Id: <9210310002.AA06772@mole.gnu.ai.mit.edu>

To: haible@ma2s2.mathematik.uni-karlsruhe.de

In-Reply-To: <9210310008.AA29068@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)

Subject: Readline & GPL

Status: RO

If someone was to turn the readline library into a shared library (a library that is needed at runtime by the executable, but not contained in the executable):

Would that mean that any executable that uses a readline shared lib would have to be accompanied with full source?

Yes.

From rms@gnu.ai.mit.edu Sat Oct 31 01:29:01 1992

Return-Path: <rms@gnu.ai.mit.edu>

Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0) id AA29083; Sat, 31 Oct 92 01:28:59 +0100

Received: by mole.gnu.ai.mit.edu (5.65/4.0)

id <AA06922@mole.gnu.ai.mit.edu>; Fri, 30 Oct 92 19:19:36 -0500

Date: Fri, 30 Oct 92 19:19:36 -0500

From: rms@gnu.ai.mit.edu (Richard Stallman)

Message-Id: <9210310019.AA06922@mole.gnu.ai.mit.edu>

To: haible@ma2s2.mathematik.uni-karlsruhe.de

In-Reply-To: <9210310008.AA29062@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)

Subject: Common Lisp and Readline

Status: RO

I built a libnreadline.a that can be linked together with lisp.a, replacing libreadline.a .

I will reorganize the distribution into 2 independent parts:

- * clisp.lzh containing lisp.a and libnreadline.a,
- * readline.tar.Z containing libreadline.a and its source.

The first one is enough to build a CLISP executable. It contains no GNU parts.

True. If that were the whole situation--if readline did not exist--

then I would have no grounds to object.

However, the sum total of what you are doing is still tantamount to distributing one program which contains readline but is not under the GPL.

This is a problem I cannot ignore. If you can get away with this then any company can get away with it. The result would be to negate for practical purposes the GPL's requirement that improvements be free. And that would deprive GNU software of a major source of improvements.

Is that what you want?

From rms@gnu.ai.mit.edu Fri Nov 6 11:02:40 1992
Return-Path: <rms@gnu.ai.mit.edu>
Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0) id AA13962; Fri, 6 Nov 92 11:02:36 +0100
Received: by mole.gnu.ai.mit.edu (5.65/4.0) id <AA09628@mole.gnu.ai.mit.edu>; Fri, 6 Nov 92 04:52:01 -0500
Date: Fri, 6 Nov 92 04:52:01 -0500
From: rms@gnu.ai.mit.edu (Richard Stallman)
Message-Id: <9211060952.AA09628@mole.gnu.ai.mit.edu>
To: haible@ma2s2.mathematik.uni-karlsruhe.de
In-Reply-To: <9210310008.AA29062@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)
Subject: Common Lisp and Readline
Status: RO

If you do succeed in circumventing the GPL for readline, you would be blazing a path for every commercial company that wants to do it. Would you really like that result?

Wouldn't it be best to eliminate this dispute by using the GPL for Common Lisp? Totally aside from readline, the Lisp system would be more useful that way. For example, maybe it could be a useful part of GNU.

From haible Fri Nov 6 16:13:07 1992
Return-Path: <haible>
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0) id AA14116; Fri, 6 Nov 92 16:13:06 +0100
Date: Fri, 6 Nov 92 16:13:06 +0100
From: haible (Bruno Haible)
Message-Id: <9211061513.AA14116@ma2s2.mathematik.uni-karlsruhe.de>

To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu

Subject: Common Lisp, Readline and GPL

Status: RO

- > I will reorganize the distribution into 2 independent parts:
- > * clisp.lzh containing lisp.a and libnoreadline.a,
- > * readline.tar.Z containing libreadline.a and its source.
- >
- > The first one is enough to build a CLISP executable. It contains
- > no GNU parts.
- >
- > However, the sum total of what you are doing is still tantamount to
- > distributing one program which contains readline but is not under the
- > GPL.

Not totally. The sum of what I AND THE USER are doing is tantamount to building a program which contains readline but is not under the GPL.

But

- * the user isn't distributing anything,
- * I am not responsible for the user's deeds,
- * I am not distributing "one program", so GPL doesn't apply to me either.

- > If that were the whole situation--if readline did not exist--
- > then I would have no grounds to object.

So the only reason why you may object is that my lisp.a has an INTERFACE that allows it to be linked to libreadline.a . As far as I know, only the readline CODE is copyrighted, not its INTERFACE. (Would you object because my libnoreadline.a has a similar interface?)

- > This is a problem I cannot ignore. If you can get away with this then
- > any company can get away with it.
- > ...
- > And that would deprive GNU software of a major source of improvements.
- > Is that what you want?

No, of course! But I would like to see the problem analyzed in depth.

Problem 1: If someone (like me) lets the user do the final link phase.

Problem 2: If the final link phase is done by the OS automatically at run time (shared libraries).

You should update GPL for these cases.

- > If you do succeed in circumventing the GPL for readline, you would be
- > blazing a path for every commercial company that wants to do it.

But the problems remain there even if I put CLISP under GPL.

From haible Fri Nov 6 16:13:19 1992
Return-Path: <haible>
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA14123; Fri, 6 Nov 92 16:13:18 +0100
Date: Fri, 6 Nov 92 16:13:18 +0100
From: haible (Bruno Haible)
Message-Id: <9211061513.AA14123@ma2s2.mathematik.uni-karlsruhe.de>
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu
Subject: Common Lisp, Readline and GPL
Status: RO

- > Wouldn't it be best to eliminate this dispute by using the GPL for
- > Common Lisp?

Would be best for me, true.

- > Totally aside from readline, the Lisp system would be
- > more useful that way.

This and the following are convincing me:

- * Up to 1991 the decision whether using GPL or not, was simply a matter of philosophy or copyright policy.
The success of Linux, however, demonstrates how a speed and quality of development was achieved which would have been impossible without access for everyone to the source of everything.
- * Finding co-developers for other Lisp packages or testers for other hardware/OS platforms might be easier if I release full source.

So be prepared to seeing CLISP's source before Christmas.

Yours,
B. Haible

From rms@gnu.ai.mit.edu Fri Nov 6 21:31:33 1992
Return-Path: <rms@gnu.ai.mit.edu>
Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA15204; Fri, 6 Nov 92 21:31:28 +0100

Received: by mole.gnu.ai.mit.edu (5.65/4.0)
id <AA10933@mole.gnu.ai.mit.edu>; Fri, 6 Nov 92 15:20:48 -0500
Date: Fri, 6 Nov 92 15:20:48 -0500
From: rms@gnu.ai.mit.edu (Richard Stallman)
Message-Id: <9211062020.AA10933@mole.gnu.ai.mit.edu>
To: haible@ma2s2.mathematik.uni-karlsruhe.de
Cc: rms@gnu.ai.mit.edu
In-Reply-To: <9211061513.AA14116@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)
Subject: Common Lisp, Readline and GPL
Status: RO

- * the user isn't distributing anything,
- * I am not responsible for the user's deeds,
- * I am not distributing "one program", so GPL doesn't apply to me either.

The FSF position would be that this is still one program, which has only been disguised as two. The reason it is still one program is that the one part clearly shows the intention for incorporation of the other part.

I say this based on discussions I had with our lawyer long ago. The issue first arose when NeXT proposed to distribute a modified GCC in two parts and let the user link them. Jobs asked me whether this was lawful. It seemed to me at the time that it was, following reasoning like what you are using; but since the result was very undesirable for free software, I said I would have to ask the lawyer.

What the lawyer said surprised me; he said that judges would consider such schemes to be "subterfuges" and would be very harsh toward them. He said a judge would ask whether it is "really" one program, rather than how it is labeled.

So I went back to Jobs and said we believed his plan was not allowed by the GPL.

The direct result of this is that we now have an Objective C front end. They had wanted to distribute the Objective C parser as a separate proprietary package to link with the GCC back end, but since I didn't agree this was allowed, they made it free.

So I don't think the GPL actually requires a correction for this. But perhaps it would be a good idea to add a note explaining this.

From haible Sun Nov 8 16:31:52 1992

Return-Path: <haible>
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA18675; Sun, 8 Nov 92 16:31:51 +0100
Date: Sun, 8 Nov 92 16:31:51 +0100
From: haible (Bruno Haible)
Message-Id: <9211081531.AA18675@ma2s2.mathematik.uni-karlsruhe.de>
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu
Subject: Re: Common Lisp, Readline and GPL
Status: RO

Thanks you for the explanation of the lawyers' point of view.

> What the lawyer said surprised me; he said that judges would consider
> such schemes to be "subterfuges" and would be very harsh toward
> them. He said a judge would ask whether it is "really" one program,
> rather than how it is labeled.

I accept this.

> They had wanted to distribute the Objective C parser as a
> separate proprietary package to link with the GCC back end, but since
> I didn't agree this was allowed, they made it free.

The situation for CLISP is a bit different: CLISP was running without the
readline library for over one year before I began using readline() in
September 1992. That was also the reason why I was able to build a drop-in
replacement (libnreadline.a) within only one hour.

The readline library is not an essential or integral part of CLISP - it makes
the user interface nicer, and that's all.

From rms@gnu.ai.mit.edu Mon Oct 11 18:57:43 1993
Return-Path: <rms@gnu.ai.mit.edu>
Received: from mole.gnu.ai.mit.edu by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA06403; Mon, 11 Oct 93 18:57:38 +0100
Received: by mole.gnu.ai.mit.edu (5.65/4.0)
id <AA09632@mole.gnu.ai.mit.edu>; Mon, 11 Oct 93 13:56:03 -0400
Date: Mon, 11 Oct 93 13:56:03 -0400
From: rms@gnu.ai.mit.edu (Richard Stallman)
Message-Id: <9310111756.AA09632@mole.gnu.ai.mit.edu>
To: haible@ma2s2.mathematik.uni-karlsruhe.de
In-Reply-To: <9310111623.AA06248@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-
karlsruhe.de)
Subject: Re: compiling with gcc without linking with libgcc.a
Status: RO

But libgmp.a should remain under GPL.

I'm interested in hearing why you think so.
Someone else is arguing that it should be under the LGPL;
I haven't made up my mind yet.

From haible Tue Oct 12 13:28:37 1993
Return-Path: <haible>
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA07494; Tue, 12 Oct 93 13:28:36 +0100
Date: Tue, 12 Oct 93 13:28:36 +0100
From: haible (Bruno Haible)
Message-Id: <9310121228.AA07494@ma2s2.mathematik.uni-karlsruhe.de>
To: rms@gnu.ai.mit.edu
Subject: Re: libgmp.a
Status: RO

> But libgmp.a should remain under GPL.
> I'm interested in hearing why you think so.

Because one can build a multi-precision calculator (like `bc') as a wrapper to libgmp.a. Capability of handling arbitrary size numbers is still an essential advantage (and marketing issue) for computer algebra systems and Lisp implementations.

I had to put CLISP under GPL because libreadline.a was something I wanted to use and I didn't want to write myself. libgmp.a is similar in this respect, and it may therefore help putting some new packages under GPL.

Building libgmp.a was just too hard work. Other people shouldn't get it for free.

Bruno Haible

From rms@gnu.ai.mit.edu Tue Oct 12 18:28:27 1993
Return-Path: <rms@gnu.ai.mit.edu>
Received: from mole.gnu.ai.mit.edu by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)
id AA08120; Tue, 12 Oct 93 18:28:25 +0100
Received: by mole.gnu.ai.mit.edu (5.65/4.0)
id <AA14488@mole.gnu.ai.mit.edu>; Tue, 12 Oct 93 13:26:57 -0400
Date: Tue, 12 Oct 93 13:26:57 -0400
From: rms@gnu.ai.mit.edu (Richard Stallman)
Message-Id: <9310121726.AA14488@mole.gnu.ai.mit.edu>
To: haible@ma2s2.mathematik.uni-karlsruhe.de
In-Reply-To: <9310121228.AA07494@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)
Subject: Re: libgmp.a
Status: RO

Thanks for reminding me about this example.

I agree it is a strong argument.

This package was originally debianized by Kevin Dalley <kevind@rahul.net> on Thu, 22 May 1997 23:51:34 -0700.

This package was redone from scratch by Matt Zimmerman <mdz@debian.org> on Sat, 11 Aug 2001 20:01:12 -0400.

It was downloaded from clisp.sourceforge.net

Copyright:

On Debian GNU/Linux systems, the complete text of the GNU General Public License can be found in `~/usr/share/common-licenses/GPL-2'`.

A complete copy of the COPYRIGHT file from the original source distribution follows here:

Hey Emacs! -*- coding: utf-8 -*-

Copyright (c) 1992-2009 Bruno Haible, Michael Stoll, Sam Steingold
All Rights Reserved

Summary:

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation; see file GNU-GPL.

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Note:

This copyright does NOT cover user programs that run in CLISP and third-party packages not part of CLISP, if

- a) They only reference external symbols in CLISP's public packages that define API also provided by many other Common Lisp implementations (namely the packages COMMON-LISP, COMMON-LISP-USER, KEYWORD, CLOS,

GRAY, EXT), i.e. if they don't rely on CLISP internals and would as well run in any other Common Lisp implementation. Or

- b) They only reference external symbols in CLISP's public packages that define API also provided by many other Common Lisp implementations (namely the packages COMMON-LISP, COMMON-LISP-USER, KEYWORD, CLOS, GRAY, EXT) and some external, not CLISP specific, symbols in third-party packages that are released with source code under a GPL compatible license and that run in a great number of Common Lisp implementations, i.e. if they rely on CLISP internals only to the extent needed for gaining some functionality also available in a great number of Common Lisp implementations.

Such user programs are not covered by the term "derived work" used in the GNU GPL. Neither is their compiled code, i.e. the result of compiling them by use of the function COMPILE-FILE. We refer to such user programs as "independent work".

You may copy and distribute memory image files generated by the function SAVEINITMEM, if it was generated only from CLISP and independent work, and provided that you accompany them, in the sense of section 3 of the GNU GPL, with the source code of CLISP - precisely the same CLISP version that was used to build the memory image -, the source or compiled code of the user programs needed to rebuild the memory image (source code for all the parts that are not independent work, see above), and a precise description how to rebuild the memory image from these.

Foreign non-Lisp code that is linked with CLISP or loaded into CLISP through dynamic linking is not exempted from this copyright. I.e. such code, when distributed for use with CLISP, must be distributed under the GPL.

Authors:

Generic CLISP: Bruno Haible, Michael Stoll

Atari version: Bruno Haible, Michael Stoll

Amiga version: Bruno Haible, Jrg Hhle

Acorn version: Bruno Haible, Peter Burwood

DOS version: Bruno Haible, Bernhard Degel, Jrgen Weber

OS/2 version: Bruno Haible

Unix version: Bruno Haible

Multithreading: Vladimir Tzankov

Maintenance:

Bruno Haible, Michael Stoll 1992-1993

Bruno Haible, Marcus Daniels 1994-1997

Bruno Haible, Pierpaolo Bernardi, Sam Steingold 1998

Bruno Haible, Sam Steingold 1999-2001

Sam Steingold 2002-2009

Email addresses (September 1992 or newer):

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Version 3, 29 June 2007

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Preamble

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When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

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1.98 common-lisp-controller 7.6

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1.99 Commons BeanUtils 1.8.2

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Version 2.0, January 2004

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22:59:43 jkeyes Exp $
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*****/

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```
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```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.124 console-setup 1.88

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75dpi-courB12-IL2.bdf 75dpi-courB14.bdf 75dpi-courB14c.bdf
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1.128 coreutils 8.4 :37.el6

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1.129 coreutils 8.5-1

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This package is maintained by Michael Stone mstone@debian.org and built from sources obtained from:
<ftp://ftp.gnu.org/gnu/coreutils/coreutils-6.10.tar.gz>

This debian package was first put together by Michael Stone mstone@debian.org, from coreutils 4.5.1.

Changes:

- * added Debian GNU/Linux package maintenance system files
- * at times, bug fixes awaiting inclusion in the upstream source

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1.131 cpio 2.10 :12.el6_5

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1.132 cpp 4:4.4.5-1

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1.133 cpufrequtils 007 :6.el6

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Appendix: How to Apply These Terms to Your New Programs

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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Also add information on how to contact you by electronic and paper mail.

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```
Gnomovision version 69, Copyright (C) 19yy name of author
```

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.134 cpuspeed 1.5 :20.e16_4

1.134.1 Available under license :

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify  
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(at your option) any later version.
```

```
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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate
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be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Public License instead of this License.

1.135 cracklib 2.8.16 :4.e16

1.135.1 Available under license :

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Version 2.1, February 1999

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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^L

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

^L

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```

```
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This package is an updated/modernized distribution of CrackLib as previously release by Alec Muffett. Pretty much all of the files have been modified in some way to allow for this modernization and to apply numerous bug fixes and patches.

Copyright in the original source is assigned to Alec Muffett, numerous authors have contributed the patches applied to these sources, and are included here without attribution as there are no good records.

The primary reason for the updated release was to apply bug fixes and get them distributed from some central place instead of trying to get all of the various repackagers to apply additional packages.

BUILD/INSTALL NOTE: You must 'make dict', preferably after getting a large wordlist, after install. Otherwise it will not install the dictionaries.

This is left as a manual step since on some systems generating the

dictionary index can be time consuming.

=====
Original CrackLib 2.7 README
=====

CrackLib: A ProActive Password Sanity Library

By: Alec Muffett

Address: alecm@crypto.dircon.co.uk

Date: Sun Dec 14 22:16:48 GMT 1997

- This software is not my fault in any way, nor indeed anybody's -

*** What is CrackLib ***

CrackLib is a library containing a C function (well, lots of functions really, but you only need to use one of them) which may be used in a "passwd"-like program.

The idea is simple: try to prevent users from choosing passwords that could be guessed by "Crack" by filtering them out, at source.

CrackLib is an offshoot of the the version 5 "Crack" software, and contains a considerable number of ideas nicked from the new software.

At the time of writing, Crack 5 is incomplete (still awaiting purchase of my home box) - but I though I could share this with you.

[Incidentally, if Dell or anyone would like to "donate" a Linuxable 486DX2-66MHz box (EISA/16Mb RAM/640MB HD/AHA1740) as a development platform for Crack, I'd be more than grateful to hear from you. 8-)]

NOTE THIS WELL: CrackLib is NOT a replacement "passwd" program. CrackLib is a LIBRARY. CrackLib is what trendy marketdroid types would probably call an "enabler".

The idea is that you wire it into your own "passwd" program (if you have source); alternatively, you wire it into something like "shadow" from off of the net. You can use it in other things, too.

You can use it almost everywhere.

*** Advantages of CrackLib ***

1) it WORKS!

I wrote something similar ("goodpass") a few years back, which went out with Crack v3.x.

Goodpass was slow and buggy and I think it was used (at least in part) in "npasswd". Hopefully, CrackLib will supplant "goodpass" entirely.

2) it's FAST!

CrackLib finds potential passwords quickly, by using an index file to access dictionary words, and by keeping a table to assist binary searching.

3) it's SMALL!

CrackLib's dictionary is modified-DAWG compressed with a chunksize of 16 words (see Crack v5.0 docs (when it comes out) for details) - and then the index file is built, with one entry per chunk.

The upshot of all this is that CrackLib can do indexed, binary searches in a 1.4 million word dictionary (raw size ~ 15Mb), but the CrackLib files (data+index+watermarks) occupy only ~ 7Mb. (45% original size)

It's even efficient over NFS !

4) it's MIND-NUMBINGLY THOROUGH!

(is this beginning to read like a B-movie flyer, or what?)

CrackLib makes literally hundreds of tests to determine whether you've chosen a bad password.

* It tries to generate words from your username and geos entry to tries to match them against what you've chosen.

* It checks for simplistic patterns.

* It then tries to reverse-engineer your password into a dictionary word, and searches for it in your dictionary.

- after all that, it's PROBABLY a safe(-ish) password. 8-)

*** Instructions for building CrackLib...

STEP 0) Engage your brain.

I'm interested in improving the CrackLib software, doing bugfixes, "guessing technique" improvements, and portability enhancements.

I'm NOT interested in unhelpful comments like "well, _my_ operating system doesn't come with a dictionary". If it doesn't, either complain to your vendor, or GO AND GET a dictionary off the net.

CrackLib is NOT a TOOL. It is not a complete package. It is not something you can utilise directly.

It is a resource, an aid, something to enhance the functionality of other software. You need to (either) write OR modify other software to use it. If you can't do this, then you shouldn't be wasting your time with it.

Regarding bugs and portability problems: please try to work them out for yourself, and then (please) TELL me about them. This will help me improve future versions.

STEP 1) Edit the Makefile to set your preferred value of DICTPATH

This is the directory+filename-prefix that your version of CrackLib will go hunting for, and it must be visible to all programs on all hosts that use CrackLib

Hence, if you want to use a CrackLib binary on a distributed network, these files are probably best placed on an NFS server.

Note: You have to specify a FILENAME PREFIX too, eg:

```
DICTPATH=/usr/local/lib/pw_dict
```

which will generate:

```
/usr/local/lib/pw_dict.pwd  
/usr/local/lib/pw_dict.pwi  
/usr/local/lib/pw_dict.hwm
```

which are the files that CrackLib needs.

These files are NOT byte-order independent, in fact they are probably

ARCHITECTURE SPECIFIC, mostly due to speed constraints. If this is a problem, I suggest you use:

```
DICTPATH=/usr/local/lib/pw_dict.sun4  
DICTPATH=/usr/local/lib/pw_dict.i386  
DICTPATH=/usr/local/lib/pw_dict.cray
```

...etc, and build several sets of files, as appropriate.

(Hackers Note: Strictly, only *.pwi and *.hwm should be architecture dependent; however, if you build two dictionaries on two different platforms, you MAY wind up with different *.pwd files too, due to incompatibilities in the std Unix utilities, or from using different SOURCEDICTs.

I may try to work this out in the next release. In the mean time, if your *.pwd files are EXACTLY identical (use "cmp" to test), you can delete the multiple copies and use softlinks instead.)

STEP 2) Add to the SOURCEDICT variable, any files containing extra words that you wish CrackLib to use. CrackLib merges all of these files together, removes redundant characters, and compresses them. Generally, the output file is 40..60% the size of all the input files, combined.

NOTE: THE DEFAULT VALUE OF "SOURCEDICT" CONTAINS "/usr/dict/words" - this is a file which can be found on many BSD-type Unix systems, containing a list of words, one per line, suitable for use with "cracklib". If you do not have such a file, refer to STEP 0.

STEP 3) do:

```
% make all
```

then do:

```
% make install
```

which will build the CrackLib dictionary in \$DICTPATH.

*** NOTE THIS WELL ***

If you supply massive amounts of text to CrackLib to use a dictionary, you must have enough free space available for use by the "sort" command, when the dictionary is built.

So: If you do not have (say) about 20Mb free in /usr/tmp (or whatever temporary area your "sort" command uses), have a look at the "util/mkdict" script.

You can usually tweak the "sort" command to use any large area of disk you desire, by use of the "-T" option, and "mkdict" has a hook for this.

STEP 4) Wire a call to "FascistCheck()" into your "passwd" program

- Left as an exercise for the reader.

*** Example of how to invoke CrackLib

Insert a call to the routine FascistCheck, which is defined thusly:

NAME

FascistCheck - check a potential password for guessability

SYNOPSIS

```
char *FascistCheck(char *pw, char *dictpath);
```

DESCRIPTION

FascistCheck() takes 2 arguments:

pw - a string containing the users chosen "potential password"

dictpath - the full path name + filename prefix of the CrackLib dictionary, specified in the installation Makefile. (If you still haven't sussed, I'm talking about DICTPATH).

RETURN VALUE

FascistCheck() returns the NULL pointer for a good password, or a pointer to a diagnostic string if it is a bad password.

BUGS

- it can't catch everything. Just most things.

- it calls `getpwuid(getuid())` to look up the user,
this MAY affect poorly written programs

- using more than one `pw_dict` file, eg:

```
char *msg;
if (msg = FascistCheck(pw, "onepath") ||
    msg = FascistCheck(pw, "anotherpath"))
{
    printf("Bad Password: because %s\n", msg);
}
```

...works, but it's a kludge. AVOID IT IF POSSIBLE.
Using just the one dictionary is more efficient, anyway.

- `PWOpen()` routines should cope with having more than 1
dictionary open at a time. I'll fix this RSN.

WORKED EXAMPLE

---- modified extract from BSD distribution - "local_passwd.c" ----

```
#ifndef CRACKLIB_DICTPATH /* if possible, get from the same Makefile as CrackLib */
#define CRACKLIB_DICTPATH "/usr/local/lib/pw_dict"
#endif /* see examples on how to import DICTPATH into CRACKLIB_DICTPATH */
...
...
...
for (buf[0] = '\0', tries = 0;;) {
    p = getpass("New password:");
    if (!*p) {
        (void)printf("Password unchanged.\n");
        pw_error(NULL, 0, 0);
    }

    #ifndef CRACKLIB_DICTPATH
    if (strlen(p) <= 5 && (uid != 0 || ++tries < 2)) {
        (void)printf("Please enter a longer password.\n");
        continue;
    }
    for (t = p; *t && islower(*t); ++t);
    if (!*t && (uid != 0 || ++tries < 2)) {
        (void)printf("Please don't use an all-lower case password.\nUnusual capitalization, control characters or digits are suggested.\n");
        continue;
    }
}
#else
```

```

{
char *msg;
if (msg = (char *) FascistCheck(pwbuf, CRACKLIB_DICTPATH)) {
printf("Please use a different password.\n");
printf("The one you have chosen is unsuitable because %s.\n", msg);
continue; /* go round and round until they get it right */
}
}
#endif /* CRACKLIB_DICTPATH */

(void)strcpy(buf, p);
if (!strcmp(buf, getpass("Retype new password:")))
break;
(void)printf("Mismatch; try again, EOF to quit.\n");
}
---- end of extract ----

```

1.136 cracklib_scripts 2.8.16 :4.e16

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1.137 cron 3.0pl1-116

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# *
# * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
```

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# * Paul Vixie      <paul@vix.com>      uunet!decwrl!vixie!paul  
# */
```

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up

and rip out all the 'su' commands, collapse the lengthy lists into ranges with steps -- basically, this step is as much work as you want to make it)
start up the new cron
(must be done as root)
watch it. test it with 'crontab -r' and watch the daemon track your changes.
if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

1.138 cronie 1.4.4 :12.el6

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1.141 csv2xml 1.0.1

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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1.143 cups 1.3.8-1+lenny8

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```
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: CUPS

Upstream-Contact: Michael Sweet <msweet@apple.com>

Source: <ftp://ftp.easysw.com/pub/cups/>

Files: *

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.

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.

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.

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.

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Files: cups/* filters/*

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/usr/share/common-licenses/GPL-2 on Debian systems.

The same exceptions as above apply.

```
#!/bin/sh
```

```
# postinst script for cups
```

```
#
```

```
# see: dh_installdeb(1)
```

```
set -e
```

```
# summary of how this script can be called:
```

```
# * <postinst> `configure' <most-recently-configured-version>
```

```
# * <old-postinst> `abort-upgrade' <new version>
```

```
# * <conflictor's-postinst> `abort-remove' `in-favour' <package>
```

```
# <new-version>
```

```
# * <deconfigured's-postinst> `abort-deconfigure' `in-favour'
```

```
# <failed-install-package> <version> `removing'
```

```
# <conflicting-package> <version>
```

```
# for details, see /usr/doc/packaging-manual/
```

```
#
```

```
# quoting from the policy:
```

```
# Any necessary prompting should almost always be confined to the
```

```
# post-installation script, and should be protected with a conditional
```

```
# so that unnecessary prompting doesn't happen if a package's
```

```
# installation fails and the `postinst' is called with `abort-upgrade',
```

```
# `abort-remove' or `abort-deconfigure'.
```

```
# Debconf
```

```
./usr/share/debconf/confmodule
```

```
case "$1" in
```

```
configure)
```

```
# Set documentation symlinks
```

```
if [ -d /usr/share/doc/cups ]; then
```

```
if [ ! -e /usr/share/doc/cups-bsd ]; then
```

```
ln -sf cups-common /usr/share/doc/cups-bsd
```

```
fi
```

```
fi
```

```
# Add cups-lpd to inetd.conf
```

```
db_get cups-bsd/setuplpd
```

```
if [ "$RET" = "true" ]; then
```

```
update-inetd --add 'printer stream tcp nowait lp /usr/lib/cups/daemon/cups-lpd cups-lpd'
```

```
fi
```

```

;;

abort-upgrade|abort-remove|abort-deconfigure)

;;

*)
    echo "postinst called with unknown argument \"\$1\" ">&2
    exit 0
;;
esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

#DEBHELPER#

exit 0
#!/bin/sh
# pre-m script for cups-bsd
#
# see: dh_installdeb(1)

set -e

# summary of how this script can be called:
# * <pre-m> `remove'
# * <old-pre-m> `upgrade' <new-version>
# * <new-pre-m> `failed-upgrade' <old-version>
# * <conflictor's-pre-m> `remove' `in-favour' <package> <new-version>
# * <deconfigured's-pre-m> `deconfigure' `in-favour'
#   <package-being-installed> <version> `removing'
#   <conflicting-package> <version>
# for details, see /usr/doc/packaging-manual/

if [ -L /etc/printcap ]; then
    rm -f /etc/printcap
fi

case "$1" in
    remove|upgrade|deconfigure)
        # Remove documentation links
        rm -rf /usr/share/doc/cups-bsd

        # Disable inetd entry
        update-inetd --pattern cups-lpd --disable printer
        ;;
    failed-upgrade)

```

```

;;
*)
    echo "prerm called with unknown argument \"$1" ">&2
    exit 0
;;
esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

#DEBHELPER#

exit 0
usr/sbin/lpc
usr/bin/lpq
usr/bin/lpr
usr/bin/lprm
usr/share/man/man1/lpr.1.gz
usr/share/man/*/man1/lpr.1.gz
usr/share/man/man1/lprm.1.gz
usr/share/man/*/man1/lprm.1.gz
usr/share/man/man1/lpq.1.gz
usr/share/man/*/man1/lpq.1.gz
usr/share/man/man8/cups-lpd.8.gz
usr/share/man/*/man8/cups-lpd.8.gz
usr/share/man/man8/lpc.8.gz
usr/share/man/*/man8/lpc.8.gz
#!/bin/sh
# preinst script for cups-bsd
#
# see: dh_installdeb(1)

set -e

# summary of how this script can be called:
# * <new-preinst> `install'
# * <new-preinst> `install' <old-version>
# * <new-preinst> `upgrade' <old-version>
# * <old-preinst> `abort-upgrade' <new-version>

case "$1" in
    install)
        ;;

    upgrade)
        if [ ! -L /usr/share/doc/cups-bsd ]; then
            rm -rf /usr/share/doc/cups-bsd
        fi

```

```

;;

abort-upgrade)
;;

*)
    echo "preinst called with unknown argument \"${1}\" ">&2
    exit 0
;;
esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

#DEBHELPER#

exit 0
#!/bin/sh
# postrm script for cups-bsd
#
# see: dh_installdeb(1)

set -e

# summary of how this script can be called:
# * <postrm> `remove'
# * <postrm> `purge'
# * <old-postrm> `upgrade' <new-version>
# * <new-postrm> `failed-upgrade' <old-version>
# * <new-postrm> `abort-install'
# * <new-postrm> `abort-install' <old-version>
# * <new-postrm> `abort-upgrade' <old-version>
# * <disappearer's-postrm> `disappear' <r>overwrit>r> <new-version>
# for details, see /usr/doc/packaging-manual/

case "${1}" in
    purge)
        # Remove inetd entry
        update-inetd --pattern cups-lpd --remove printer 2>/dev/null || true
        ;;

    remove|upgrade|failed-upgrade|abort-install|abort-upgrade|disappear)
        ;;

    *)
        echo "postrm called with unknown argument \"${1}\" ">&2

```

```
exit 0

esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

#DEBHELPER#

# These templates have been reviewed by debian-110n-english
# Please do not modify them without asking for a review

Template: cups-bsd/setuplpd
Type: boolean
Default: false
_Description: Do you want to set up the BSD lpd compatibility server?
The CUPS package contains a server that can accept BSD-style print
jobs and submit them to CUPS. It should only be set up if other
computers are likely to submit jobs over the network via the "BSD" or
"LPR" services, and these computers cannot be converted to use the
IPP protocol that CUPS uses.
#!/bin/sh

set -e

# Debconf library
./usr/share/debconf/confmodule

db_input medium cups-bsd/setuplpd || true
db_go
```

1.144 cups 1.4.2 :67.el6_6.1

1.144.1 Available under license :

CUPS License Agreement

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1 Infinite Loop
Cupertino, CA 95014 USA

WWW: <http://www.cups.org/>

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a

fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of

a storage or distribution medium does not bring the other work under the scope of this License.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be

linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy

from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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1.146 curl 7.19.7 :37.el6_5.3

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1.148 curl 7.18.2-8lenny4

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Source: <http://curl.haxx.se>

Files: *

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* Rob Earhart
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(1)

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In a mail sent to Bruno Lowagie on January 23, 2008, Brian Burkhalter (@sun.com) writes: "This code is under a BSD license and supersedes the older codec packages on which your code is based. It also includes numerous fixes among them being the ability to handle a lot of 'broken' TIFFs."

Note that numerous fixes were applied to the code used in iText by Paulo Soares, but apart from the fixes there were no essential changes between the code that was originally adapted and the code that is now available under the following license:

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FYI: Brian also added: "A bit of history might be in order. The codec classes that you used originally were based on some classes included with JAI but not strictly part of JAI. As of Java SE 1.4 an official Image I/O framework was added in javax.imageio.... This frameork supports these formats:

Java 1.4: GIF (read only), JPEG, PNG
Java 1.5: Added support for BMP and WBMP
Java 1.6: Added support for writing GIF

The JAI Image I/O Tools packages (jai-imageio-core) were created to support formats handled by JAI but not included in Java SE as well as some new things like JPEG2000."

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The specification of DOM Level 3's various parts is at:
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Links to all available W3C DOM Java Bindings can be found at:
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The actual classes of The Simple API for CSS (SAC) came from:
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1.163 db4.6 4.6.21-16

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This package was debianized by Colin Walters <walters@debian.org> on
Thu, 6 Mar 2003 18:01:37 -0500

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1.167 dbus-glib 0.76-1

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1.170 dbus-python 0.83.0 :6.1.el6

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```
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```

```
# Originally written by Per Bothner <per@bothner.com>.  
# Please send patches to <config-patches@gnu.org>. Submit a context  
# diff and a properly formatted ChangeLog entry.
```

```
#
```

```
# This script attempts to guess a canonical system name similar to  
# config.sub. If it succeeds, it prints the system name on stdout, and  
# exits with 0. Otherwise, it exits with 1.
```

```
#
```

```
# The plan is that this can be called by configure scripts if you  
# don't specify an explicit build system type.
```

1.171 debconf 1.5.36.1

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Source: native package

Files: *

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1.172 debian-archive-keyring

2010.08.28+squeeze1

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1.173 debianutils 3.4

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1.174 deborphan 1.7.28.3+squeeze1

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1.175 device-mapper-multipath 0.4.9 :80.el6

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1.176 dhcp 4.1.1 :43.P1.el6

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```
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```
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under certain conditions; type `show c' for details.
```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
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```

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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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```
#!/bin/sh
```

```
find . -type f \! -name \*~ \! -exec grep -q Begin-Header \{\} \; -print \  
| grep -v ^./build
```

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:

tsx-11.mit.edu/pub/linux/packages/ext2fs/

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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Theodore Ts'o
23-June-2007

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```
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```

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<signature of Ty Coon>, 1 April 1989

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

```
#  
# This is a Makefile stub which handles the creation of BSD shared  
# libraries.  
#  
# In order to use this stub, the following makefile variables must be defined.  
#  
# BSDLIB_VERSION = 1.0  
# BSDLIB_IMAGE = libce  
# BSDLIB_MYDIR = et  
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)  
#
```

```
all:: image
```

```
real-subdirs:: Makefile  
@echo " MKDIR pic"  
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)  
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)  
(cd pic; ld -Bshareable -o $(BSD_LIB) $(OBJS))  
$(MV) pic/$(BSD_LIB) .  
$(RM) -f ../$(BSD_LIB)  
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \  
`echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
```



```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::

```
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

clean::

```
$(RM) -rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

Index: tdbsa/tdb.c

```
-----
--- tdbsa.orig/tdb.c
```

```
+++ tdbsa/tdb.c
```

```
@@ -4,11 +4,11 @@ Rev: 23371
```

```
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
```

```
*/
```

```
/*
```

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes
-
- Copyright (C) Andrew Tridgell 2005
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1.193 e2fsprogs 1.41.12-4stable1

1.193.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
[tsx-11.mit.edu:/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu/pub/linux/packages/ext2fs/)

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Theodore Ts'o
23-June-2007

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```
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```

```
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```

```
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```

```
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```

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```
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```

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

```
#!/bin/sh
```

```
find . -type f ! -name \*~ ! -exec grep -q Begin-Header \{\} \; -print \
| grep -v ^./build
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

```
real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
```



```
`echo $(my_dir) | sed -e 's;lib/;;'/${BSD_LIB} ${BSD_LIB})
```

```
install-shlibs install:: $(BSD_LIB)
```

```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
```

```
@$(INSTALL_PROGRAM) $(BSD_LIB) \
```

```
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
@-$(LDCONFIG)
```

```
install-strip: install
```

```
install-shlibs-strip: install-shlibs
```

```
uninstall-shlibs uninstall::
```

```
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
```

```
$(RM) -rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c

```
=====
```

```
--- tdbsa.orig/tdb.c
```

```
+++ tdbsa/tdb.c
```

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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1.194 e2fsprogs-lib 1.41.9

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1.195 e2fsprogs_lgpl 1.41.12 :11.el6

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Theodore Ts'o
23-June-2007

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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```
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```
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```

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Ty Coon, President of Vice

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1.201 elfutils 0.158 :3.2.el6

1.201.1 Available under license :

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1.202 esapi 2.0.1

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```
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 */
```

1.203 ethstatus 0.4.3

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It was originally written by Gabriel Montenegro (johnpetrucci@users.sourceforge.net) and received a few feature additions and bug fixes by Christoph Haas.

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```

```
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1.207 expat 2.0.1-7+squeeze1

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The original packager is Adam Di Carlo <aph@debian.org>. The current maintainer is Ardo van Rangelrooij <ardo@debian.org>.

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1.209 fam 2.7.0-17

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Debian maintainer history: The original package was put together by Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley <kevind@rahul.net> took over. 2003-07 Andreas Metzler <ametzler@debian.org> followed.

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1.220 flashybrid 0.16

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1.222 fontconfig 2.8.0 :5.e16

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1.223 fontconfig 2.8.0-2.1

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1.224 fonts-arphic-uming 0.2.20080216.2-4

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11016811

0.
PLPLBIG-5PLPLGBTrueTypeglyph table

PLPublic License

1.
ARPHICPL.TXT

2.
glyph table

a)

b)

c)

3.

4.

5.

6.

7.

8.

10

dir
4340

svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/zh_TW.utf-8
svn+ssh://svn.debian.org/svn/pkg-fonts

2010-05-29T06:32:24.059815Z

2544

henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

ARPHICPL.txt

file

2011-11-12T19:17:17.000000Z

3b6d9e59a18f060ce8a85355e83b83a7

2010-05-29T06:32:24.059815Z

2544

henrich

has-props

5812

K 13

svn:mime-type

V 24

application/octet-stream

END

10

dir

4340

svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/gb

svn+ssh://svn.debian.org/svn/pkg-fonts

2010-05-29T06:32:24.059815Z

2544

henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

ARPHICPL.TXT

file

2011-11-12T19:17:17.000000Z
6b5996f38d448afee4cb57628af5e0d7
2010-05-29T06:32:24.059815Z
2544
henrich
has-props

3928
10

dir
4340
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2010-05-29T06:32:24.059815Z
2544
henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

zh_CN.utf-8

dir

big5

dir

gb

dir

english

dir

zh_TW.utf-8

dir

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4340

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2544

henrich

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ARPHICPL.TXT

file

2011-11-12T19:17:17.000000Z

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henrich

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2.@

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4.@PN

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5.@ov

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6.@

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8.@l`vDv

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svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/big5

svn+ssh://svn.debian.org/svn/pkg-fonts

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henrich

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2011-11-12T19:17:17.000000Z

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2010-05-29T06:32:24.059815Z

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svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/zh_CN.utf-8

svn+ssh://svn.debian.org/svn/pkg-fonts

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file

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c39f5c96427c8be4a880a0d4b3b0959e

2010-05-29T06:32:24.059815Z

2544

henrich
has-props

5806

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on Thu, 1 May 2003 00:00:02 +0800

It was downloaded from

<http://www.freedesktop.org/wiki/Software/CJKUnifonts>

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Arphic Technology Co., Ltd.

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Modified by:

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: baekmuk

Upstream-Contact: <http://kldp.net/projects/baekmuk/>

Source: <http://kldp.net/projects/baekmuk/>

Files: *

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Files: debian/*

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1.226 fonts-sil-scheherazade 1.001-8

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See the Alioth project for co-maintainership of open fonts:

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1.227 fonts-unfonts-core 1.0.2-080608-6

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: un-fonts

Maintainer: Park, Won-kyu <wkpark@chem.skku.ac.kr>

Jungshik Shin <jshin@mailaps.org>

Source: <http://kldp.net/projects/unfonts>

Files: *

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Jungshik Shin <jshin@mailaps.org>

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Files: debian/*

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```
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   version 1.1.4, March 11th, 2002
```

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for

Comments) 1950 to 1952 in the files ftp://ds.internic.net/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

*/

1.232 freetype 2.4.2-2.1+squeeze4

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1.233 fuse 2.8.3 :4.e16

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```
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```

The hypothetical commands `show w' and `show c' should show the appropriate
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```
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```

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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```

```
# install - install a program, script, or datafile  
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```

```
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```

```
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```

```
#
```

```
# Calling this script install-sh is preferred over install.sh, to prevent  
# `make' implicit rules from creating a file called install from it  
# when there is no Makefile.
```

```
#
```

```
# This script is compatible with the BSD install script, but was written  
# from scratch. It can only install one file at a time, a restriction  
# shared with many OS's install programs.
```

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1.235 gawk 3.1.7 :10.e16

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Version 3, 29 June 2007

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```
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1.236 gcc 4.4.6 :3.e16

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may

distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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version 2.1 of the License, or (at your option) any later version.
```

```
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MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
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License along with this library; if not, write to the Free Software  
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
library `Frob' (a library for tweaking knobs) written by James  
Random Hacker.
```

```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

That's all there is to it!

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

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"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

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A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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1.237 gcc-4.2 4.2.4-6

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1.241 gconf 2.22.0-1

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1.242 gd 2.0.35 :11.e16

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Although their code does not appear in gd, the authors wish to thank
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for their prior contributions.

```
/* Code drawn from ppmtogif.c, from the pbmplus package
**
** Based on GIFENCOD by David Rowley <mgardi@watdscu.waterloo.edu>. A
** Lempel-Zim compression based on "compress".
**
** Modified by Marcel Wijkstra <wijkstra@fwi.uva.nl>
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*/

```

1.243 gdb 7.2 :75.el6

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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```

```
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b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete

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to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
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```

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.244 gdbm 1.8.3-3

1.244.1 Available under license :

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```
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1.245 gdbm 1.8.0 :36.el6

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#
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#
# This script is compatible with the BSD install script, but was written
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```

1.246 gdk-pixbuf 2.26.1-1

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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1

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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline

functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

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*

* Updated by Jeremy Bettis <jeremy@hksys.com>

* Significantly revised and rewinddir, seekdir and telldir added by Colin

* Peters <colin@fu.is.saga-u.ac.jp>

*

*/

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1.251 glib2.0 2.16.6-3

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This package was debianized by Akira TAGOH <tagoh@debian.org> on Thu, 7 Mar 2002 01:05:25 +0900.

It was downloaded from <<http://ftp.gnome.org/pub/GNOME/sources/glib/>>.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on

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1.252 glibc 2.12 :1.166.el6_7.3

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which

must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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1.253 glibc 2.12 :1.149.el6_6.5

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file

that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system,

rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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1.258 gnupg 1.4.10-4+squeeze1

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"Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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1.261 gnutls 2.8.5 :19.el6_7

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file

that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system,

rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a ``work that uses the Library''. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a ``work that uses the Library'' with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a ``work that uses the library''. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a ``work that uses the Library'' uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline

functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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@item Source Code.

The ``source code" for a work means the preferred form of the work for

making modifications to it. ``Object code" means any non-source form of a work.

A ``Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

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@item

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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```

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1.267 grep 2.20 :3.e16

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1.269 grep 2.6.3 :6.e16

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Version 3, 29 June 2007

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The primary ANTLR guy:

Terence Parr
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parrt@antlr.org

/**

* <http://asm.objectweb.org/>

*

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src/main/org/codehaus/groovy/jsr223/GroovyScriptEngineFactory.java
src/main/org/codehaus/groovy/jsr223/GroovyScriptEngineImpl.java
```

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MS-Windows theme engine

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Pixbuf theme engine

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.276 guava 11.0.2

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1.277 guice 2.0

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```
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1.284 HAProxy 1.5.11 :2014/02/03

1.284.1 Available under license :

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Since some protocols are found in rare environments (finance, industry, ...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

For this reason, I **want** to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition.

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1.288 hibernate-jpa-2.0-api 1.0.0.Final

1.289 hicolor-icon-theme 0.11 :1.1.el6

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1.291 hostname 3.04

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1.292 hsqldb 2.2.4

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```

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create table ${schemaObjectPrefix}JOURNAL (REVISION_ID BIGINT NOT NULL, JOURNAL_ID
varchar(255), PRODUCER_ID varchar(255), REVISION_DATA blob)
create unique index ${schemaObjectPrefix}JOURNAL_IDX on ${schemaObjectPrefix}JOURNAL
(REVISION_ID)
create table ${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID BIGINT NOT NULL)
create unique index ${schemaObjectPrefix}GLOBAL_REVISION_IDX on
${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID)
create table ${schemaObjectPrefix}LOCAL_REVISIONS (JOURNAL_ID varchar(255) NOT NULL,
REVISION_ID BIGINT NOT NULL)

# Inserting the one and only revision counter record now helps avoiding race conditions
insert into ${schemaObjectPrefix}GLOBAL_REVISION VALUES(0)
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1.293 hsqldb_Apachev2 2.2.4

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create table ${schemaObjectPrefix}JOURNAL (REVISION_ID BIGINT NOT NULL, JOURNAL_ID
varchar(255), PRODUCER_ID varchar(255), REVISION_DATA blob)

```

```
create unique index ${schemaObjectPrefix}JOURNAL_IDX on ${schemaObjectPrefix}JOURNAL
(REVISION_ID)
create table ${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID BIGINT NOT NULL)
create unique index ${schemaObjectPrefix}GLOBAL_REVISION_IDX on
${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID)
create table ${schemaObjectPrefix}LOCAL_REVISIONS (JOURNAL_ID varchar(255) NOT NULL,
REVISION_ID BIGINT NOT NULL)
```

Inserting the one and only revision counter record now helps avoiding race conditions

```
insert into ${schemaObjectPrefix}GLOBAL_REVISION VALUES(0)
```

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1.300 icu4c 49.1.2

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1.301 icu4j 3.8

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1.302 ifenslave-2.6 1.1.0-17

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1.303 ifplugd 0.28-18

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1.306 initramfs-tools 0.98.8

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The current Ubuntu release can be found at:
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1.307 initscripts 9.03.46 :1.el6

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Iperf performance test

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[3]dast@nlanr.net Last modified: Jan 5, 2004

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[7]measurement and operations

References

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1.314 iptables 1.4.8-3

1.314.1 Available under license :

Christoph Lameter (christoph@lameter.com) created the Debian iptables package on March 26, 2000.

iptables sources were downloaded from:

<ftp://ftp.netfilter.org/pub/patch-o-matic-ng/snapshot/>
<ftp://ftp.netfilter.org/pub/iptables/>
<http://www.netfilter.org/documentation/HOWTO/>

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Rusty Russell

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```

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```
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```

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```
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```

```
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Ty Coon, President of Vice
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1.316 iptraf 3.0.0-7

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1.317 iputils 20071127 :17.el6_4.2

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object

file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.322 jackson-jaxrs-providers 2.2.1

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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1.323 jackson-module-jaxb-annotations 2.2.1

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QL-710W

1.324 jackson-module-jsonSchema 2.1.0

1.325 jackson-module-scala_2.10 2.4.1

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1.326 jain-sip-sdp 1.2.160-SNAPSHOT

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```
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<head>
<title>Copyright</title>

<meta http-equiv="content-type"
content="text/html; charset=ISO-8859-1">

<meta name="author" content="Phelim O'Doherty">
</head>
<body>

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*/
package test.unit.gov.nist.javax.sip.stack.dialog.timeout;
```

```

import gov.nist.javax.sip.DialogTimeoutEvent;
import gov.nist.javax.sip.SipStackImpl;
import gov.nist.javax.sip.DialogTimeoutEvent.Reason;

import java.util.ArrayList;
import java.util.Properties;

import javax.sip.ClientTransaction;
import javax.sip.Dialog;
import javax.sip.DialogTerminatedEvent;
import javax.sip.IOExceptionEvent;
import javax.sip.ListeningPoint;
import javax.sip.RequestEvent;
import javax.sip.ResponseEvent;
import javax.sip.ServerTransaction;
import javax.sip.SipFactory;
import javax.sip.SipListener;
import javax.sip.SipProvider;
import javax.sip.TransactionTerminatedEvent;
import javax.sip.address.Address;
import javax.sip.address.AddressFactory;
import javax.sip.address.SipURI;
import javax.sip.header.CSeqHeader;
import javax.sip.header.CallIdHeader;
import javax.sip.header.ContactHeader;
import javax.sip.header.ContentTypeHeader;
import javax.sip.header.FromHeader;
import javax.sip.header.HeaderFactory;
import javax.sip.header.MaxForwardsHeader;
import javax.sip.header.ToHeader;
import javax.sip.header.ViaHeader;
import javax.sip.message.MessageFactory;
import javax.sip.message.Request;
import javax.sip.message.Response;

import org.apache.log4j.ConsoleAppender;
import org.apache.log4j.Logger;
import org.apache.log4j.SimpleLayout;
import org.apache.log4j.helpers.NullEnumeration;

import test.tck.msgflow.callflows.ProtocolObjects;

/**
 * This class sends an INVITE and upon receiving a 200 OK it doesn't send the ACK to test is the Dialog Timeout
 * Event is correctly passed to the application
 * The timeout Reason should be ACK not sent
 *

```

* @author jean deruelle

*/

```
public class ShootistNotImplementingSipListenerExt implements SipListener {
```

```
    private ListeningPoint listeningPoint;
```

```
    private ProtocolObjects protocolObjects;
```

```
    /* move variables as class variables from init() */
```

```
    private SipURI requestURI;
```

```
    private CSeqHeader cSeqHeader;
```

```
    private FromHeader fromHeader;
```

```
    private ToHeader toHeader;
```

```
    private MaxForwardsHeader maxForwards;
```

```
    private SipProvider sipProvider;
```

```
    private Address fromNameAddress;
```

```
    private ContentTypeHeader contentTypeHeader;
```

```
    private ContactHeader contactHeader;
```

```
    // If you want to try TCP transport change the following to
```

```
    // String transport = "tcp";
```

```
    String transport = "udp";
```

```
    private HeaderFactory headerFactory;
```

```
    private AddressFactory addressFactory;
```

```
    private MessageFactory messageFactory;
```

```
    private static String PEER_ADDRESS = Shootme.myAddress;
```

```
    private static int PEER_PORT = Shootme.myPort;
```

```
    private static String peerHostPort = PEER_ADDRESS + ":" + PEER_PORT;
```

```
    // To run on two machines change these to suit.
```

```
    public static final String myAddress = "127.0.0.1";
```

```
    private static final int myPort = 5060;
```

```
    private boolean stateIsOk = false;
```

```

private Dialog dialog = null;

private static Logger logger = Logger.getLogger(ShootistNotImplementingSipListenerExt.class);

static {
    if (logger.getAllAppenders().equals(NullEnumeration.getInstance())) {

        logger.addAppender(new ConsoleAppender(new SimpleLayout()));

    }
}

public ShootistNotImplementingSipListenerExt(ProtocolObjects protocolObjects) {
    super();
    this.protocolObjects = protocolObjects;
    stateIsOk = protocolObjects.autoDialog;
}

public boolean checkState() {

    return stateIsOk;
}

public SipProvider createSipProvider() {
    try {
        listeningPoint = protocolObjects.sipStack.createListeningPoint(
            myAddress, myPort, protocolObjects.transport);

        sipProvider = protocolObjects.sipStack
            .createSipProvider(listeningPoint);
        return sipProvider;
    } catch (Exception ex) {
        logger.error(ex);
        DialogTimeoutTest
            .fail("Shootist: unable to create provider");
        return null;
    }
}

public void init() {
    SipFactory sipFactory = null;
    sipFactory = SipFactory.getInstance();
    sipFactory.setPathName("gov.nist");
    Properties properties = new Properties();

    /* remote peer host */
    String peerHostPort = ShootistNotImplementingSipListenerExt.peerHostPort;
    String localhost = myAddress;

```

```

try {
    headerFactory = protocolObjects.headerFactory;
    addressFactory = protocolObjects.addressFactory;
    messageFactory = protocolObjects.messageFactory;

    String fromName = "BigGuy";
    String fromSipAddress = "here.com";
    String fromDisplayName = "The Master Blaster";

    String toSipAddress = "there.com";
    String toUser = "LittleGuy";
    String toDisplayName = "The Little Blister";

    // create >From Header
    SipURI fromAddress = addressFactory.createSipURI(fromName,
        fromSipAddress);

    fromNameAddress = addressFactory.createAddress(fromAddress);
    fromNameAddress.setDisplayName(fromDisplayName);

    // create To Header
    SipURI toAddress = addressFactory
        .createSipURI(toUser, toSipAddress);
    Address toNameAddress = addressFactory.createAddress(toAddress);
    toNameAddress.setDisplayName(toDisplayName);
    toHeader = headerFactory.createToHeader(toNameAddress, null);

    // create Request URI
    requestURI = addressFactory.createSipURI(toUser, peerHostPort);

    // Create ContentTypeHeader
    contentTypeHeader = headerFactory.createContentTypeHeader(
        "application", "sdp");

    // Create a new MaxForwardsHeader
    maxForwards = headerFactory.createMaxForwardsHeader(70);

    // Create contact headers
    String host = localHost;

    SipURI contactUrl = addressFactory.createSipURI(fromName, host);
    contactUrl.setPort(listeningPoint.getPort());

    // Create the contact name address.
    SipURI contactURI = addressFactory.createSipURI(fromName, host);
    contactURI.setPort(listeningPoint.getPort());

```



```

Address contactAddress = addressFactory.createAddress(contactURI);

// Add the contact address.
contactAddress.setDisplayName(fromName);

contactHeader = headerFactory.createContactHeader(contactAddress);

} catch (Exception ex) {
    System.out.println(ex.getMessage());
    ex.printStackTrace();
    DialogTimeoutTest.fail("Shootist: Error on init!", ex);
}
}

public void processDialogTerminated(
    DialogTerminatedEvent dialogTerminatedEvent) {
    if(((SipStackImpl)protocolObjects.sipStack).isBackToBackUserAgent()) {
        stateIsOk = true;
        return;
    }
    if(!protocolObjects.autoDialog) {
        stateIsOk = true;
    }
}

public void processIOException(IOExceptionEvent exceptionEvent) {
    System.out.println("An IO Exception occurred!");
    DialogTimeoutTest.fail("An IO Exception occurred!");
}

}

public void processRequest(RequestEvent requestReceivedEvent) {
    Request request = requestReceivedEvent.getRequest();
    ServerTransaction serverTransactionId = requestReceivedEvent
        .getServerTransaction();

    System.out.println("GOT REQUEST (we shouldnt get that): "
        + request.getMethod());
    DialogTimeoutTest.fail("Shouldnt receive any request:\n"
        + request);
}

}

public void processResponse(ResponseEvent responseReceivedEvent) {
    Response response = (Response) responseReceivedEvent.getResponse();
    System.out.println("GOT RESPONSE:" + response.getStatusCode());
    if(responseReceivedEvent.getClientTransaction() == null) {
        return;
    }
}

```

```

    }
    try {
        if (response.getStatusCode() == Response.OK
            && ((CSeqHeader) response.getHeader(CSeqHeader.NAME))
                .getMethod().equals(Request.INVITE)) {
            System.out.println("Not Sending ACK to test dialog timeout");
        }
    } catch (Exception ex) {
        ex.printStackTrace();

        DialogTimeoutTest.fail(
            "Shootist: Exception on process respons/send info", ex);
    }
}

public void processTimeout(javax.sip.TimeoutEvent timeoutEvent) {
    if(protocolObjects.autoDialog) {
        DialogTimeoutTest.fail(
            "Shootist: Exception on timeout, event shouldn't be thrown on automatic dailog creation by the stack");
    }
}

public void processTimeout(DialogTimeoutEvent timeoutEvent) {
    stateIsOk = false;
    DialogTimeoutTest.fail(
        "Shootist: this shouldn't be called");
}

public void processTransactionTerminated(
    TransactionTerminatedEvent transactionTerminatedEvent) {
    // System.out.println("TransactionTerminated event notification");
}

void sendInviteRequest() {
    System.out.println("====Send INVITE");
    try {
        cSeqHeader = headerFactory.createCSeqHeader(1L, Request.INVITE);

        // Create a new CallId header
        CallIdHeader callIdHeader = sipProvider.getNewCallId();

        int fromTag = 1000 + hashCode();

        fromHeader = headerFactory.createFromHeader(fromNameAddress,
            new Integer(fromTag).toString());
        String sdpData = "v=0\r\n"

```

```

+ "o=4855 13760799956958020 13760799956958020"
+ " IN IP4 129.6.55.78\r\n" + "s=mysession session\r\n"
+ "p="+46 8 52018010\r\n" + "c=IN IP4 129.6.55.78\r\n"
+ "t=0 0\r\n" + "m=audio 6022 RTP/AVP 0 4 18\r\n"
+ "a=rtpmap:0 PCMU/8000\r\n" + "a=rtpmap:4 G723/8000\r\n"
+ "a=rtpmap:18 G729A/8000\r\n" + "a=ptime:20\r\n";
// Create ViaHeaders
ArrayList viaHeaders = new ArrayList();
ViaHeader viaHeader = headerFactory.createViaHeader(myAddress,
    listeningPoint.getPort(), transport, null);

// add via headers
viaHeaders.add(viaHeader);
Request request = messageFactory.createRequest(requestURI,
    Request.INVITE, callIdHeader, cSeqHeader, fromHeader,
    toHeader, viaHeaders, maxForwards);

request.setHeader(contactHeader);
request.setContent(sdpData, contentTypeHeader);
// Create the client transaction.
ClientTransaction inviteTid = sipProvider
    .getNewClientTransaction(request);
if(!protocolObjects.autoDialog) {
    dialog = sipProvider.getNewDialog(inviteTid);
}
System.out.println("inviteTid = " + inviteTid + " sipDialog = "
    + inviteTid.getDialog());

// send the request out.
inviteTid.sendRequest();
} catch (Exception ex) {
    System.out.println("Fail to sendInviteRequest with SipException:\n"
        + ex.getMessage());
    DialogTimeoutTest.fail(
        "Shootist: Failed to send invite: ", ex);
}
return;
}
}
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*/

```
package test.unit.gov.nist.javax.sip.stack.dialog.timeout;
```

```
import gov.nist.javax.sip.DialogTimeoutEvent;
```

```
import gov.nist.javax.sip.stack.SIPDialog;
```

```
import java.util.Timer;
```

```
import java.util.TimerTask;
```

```
import javax.sip.Dialog;
```

```
import javax.sip.DialogTerminatedEvent;
```

```
import javax.sip.IOExceptionEvent;
```

```
import javax.sip.ListeningPoint;
```

```
import javax.sip.RequestEvent;
```

```
import javax.sip.ResponseEvent;
```

```
import javax.sip.ServerTransaction;
```

```
import javax.sip.SipListener;
```

```
import javax.sip.SipProvider;
```

```
import javax.sip.Transaction;
```

```
import javax.sip.TransactionTerminatedEvent;
```

```
import javax.sip.address.Address;
```

```
import javax.sip.address.AddressFactory;
```

```
import javax.sip.header.CSeqHeader;
```

```
import javax.sip.header.ContactHeader;
```

```
import javax.sip.header.HeaderFactory;
```

```
import javax.sip.header.ToHeader;
```

```
import javax.sip.message.MessageFactory;
```

```
import javax.sip.message.Request;
```

```
import javax.sip.message.Response;
```

```
import org.apache.log4j.ConsoleAppender;
```

```
import org.apache.log4j.Logger;
```

```
import org.apache.log4j.SimpleLayout;
```

```
import org.apache.log4j.helpers.NullEnumeration;
```

```
import test.tck.msgflow.callflows.ProtocolObjects;
```

```
/**
```

```
 * This class receives an INVITE and sends a 180 and a 200 OK, the Shootist will not send the ACK to test is the  
 * Dialog Timeout Event is correctly passed to the application.
```

```
 * The timeout Reason should be ACK not received
```

```

*
* @author jean deruelle
*/

public class ShootmeNotImplementingListener implements SipListener {

    class TTask extends TimerTask {

        RequestEvent requestEvent;

        ServerTransaction st;

        public TTask(RequestEvent requestEvent, ServerTransaction st) {
            this.requestEvent = requestEvent;
            this.st = st;
        }

        public void run() {
            Request request = requestEvent.getRequest();
            try {
                // System.out.println("shootme: got an Invite sending OK");
                Response response = messageFactory.createResponse(180, request);
                ToHeader toHeader = (ToHeader) response.getHeader(ToHeader.NAME);
                Address address = addressFactory.createAddress("Shootme <sip:" + myAddress + ":" + myPort + ">");
                ContactHeader contactHeader = headerFactory.createContactHeader(address);
                response.addHeader(contactHeader);

                if(!protocolObjects.autoDialog) {
                    ((SipProvider)requestEvent.getSource()).getNewDialog(st);
                }
                st.getDialog().setApplicationData("some junk");

                // System.out.println("got a server transaction " + st);
                st.sendResponse(response); // send 180(RING)
                response = messageFactory.createResponse(200, request);
                toHeader = (ToHeader) response.getHeader(ToHeader.NAME);
                String toTag = new Integer((int) (Math.random() *
100000)).toString()+"_ResponseCode_"+responseCodeToINFO;
                toHeader.setTag(toTag); // Application is supposed to set.

                response.addHeader(contactHeader);

                st.sendResponse(response); // send 200(OK)

            } catch (Exception ex) {
                ex.printStackTrace();
                DialogTimeoutTest.fail("Shootme: Failed in timer task!!!", ex);
            }
        }
    }
}

```

```

    }

}

private static AddressFactory addressFactory;

private static MessageFactory messageFactory;

private static HeaderFactory headerFactory;

private boolean stateIsOk = true;

private ProtocolObjects protocolObjects;

private int responseCodeToINFO = 500;

// To run on two machines change these to suit.
public static final String myAddress = "127.0.0.1";

public static final int myPort = 5070;

private static Logger logger = Logger.getLogger(ShootmeNotImplementingListener.class);

static {
    if (logger.getAllAppenders().equals(NullEnumeration.getInstance())) {

        logger.addAppender(new ConsoleAppender(new SimpleLayout()));

    }
}

public ShootmeNotImplementingListener(ProtocolObjects protocolObjects) {
    this.protocolObjects = protocolObjects;
    stateIsOk = protocolObjects.autoDialog;
}

public boolean checkState() {

    return stateIsOk;
}

public SipProvider createSipProvider() throws Exception {
    ListeningPoint lp = protocolObjects.sipStack.createListeningPoint(myAddress, myPort,
protocolObjects.transport);

```

```

        SipProvider sipProvider = protocolObjects.sipStack.createSipProvider(lp);
        return sipProvider;
    }

    public void init() {

        headerFactory = protocolObjects.headerFactory;
        addressFactory = protocolObjects.addressFactory;
        messageFactory = protocolObjects.messageFactory;

    }

    /**
     * Process the ACK request. Send the bye and complete the call flow.
     */
    public void processAck(RequestEvent requestEvent, ServerTransaction serverTransaction) {
        SipProvider sipProvider = (SipProvider) requestEvent.getSource();
        try {
            // System.out.println("*** shootme: got an ACK "
            // + requestEvent.getRequest());
            if (serverTransaction == null) {
                System.out.println("null server transaction -- ignoring the ACK!");
                return;
            }
            Dialog dialog = serverTransaction.getDialog();

            System.out.println("Dialog Created = " + dialog.getDialogId() + " Dialog State = " + dialog.getState());

            System.out.println("Waiting for INFO");

        } catch (Exception ex) {
            ex.printStackTrace();
            DialogTimeoutTest.fail("Shootme: Failed on process ACK", ex);
        }
    }

    public void processDialogTerminated(DialogTerminatedEvent dialogTerminatedEvent) {
        TimerTask timerTask = new CheckAppData(dialogTerminatedEvent.getDialog());
        new Timer().schedule(timerTask, 9000);
        // Dialog dialog = dialogTerminatedEvent.getDialog();
        //
        // System.out.println("Dialog Terminated Event " + dialog.getDialogId());
        // if ( this.responseCodeToINFO>=300)
        // {
        //     DialogTimeoutTest.fail("Shootme: Got DialogTerminatedEvent, this shouldnt happen");
        //     stateIsOk=false;
        // }
    }

```

```

}

public void processInfo(RequestEvent requestEvent) {
    try {
        Response info500Response = messageFactory.createResponse(this.responseCodeToINFO,
requestEvent.getRequest());
        requestEvent.getServerTransaction().sendResponse(info500Response);
    } catch (Exception e) {

        e.printStackTrace();
        DialogTimeoutTest.fail("Shootme: Failed on process INFO", e);
    }
}

/**
 * Process the invite request.
 */
public void processInvite(RequestEvent requestEvent, ServerTransaction serverTransaction) {
    try {
        // System.out.println("ProcessInvite");
        Request request = requestEvent.getRequest();
        SipProvider sipProvider = (SipProvider) requestEvent.getSource();
        // Note you need to create the Server Transaction
        // before the listener returns but you can delay sending the
        // response

        ServerTransaction st = sipProvider.getNewServerTransaction(request);

        TTask ttask = new TTask(requestEvent, st);
        int ttime = 100;

        new Timer().schedule(ttask, ttime);
    } catch (Exception ex) {
        ex.printStackTrace();
        DialogTimeoutTest.fail("Shootme: Failed on process INVITE", ex);
    }
}

public void processIOException(IOExceptionEvent exceptionEvent) {
    System.out.println("IOException event");
    DialogTimeoutTest.fail("Got IOException event");
}

public void processRequest(RequestEvent requestEvent) {
    Request request = requestEvent.getRequest();
    ServerTransaction serverTransactionId = requestEvent.getServerTransaction();
}

```



```

System.out.println("GOT REQUEST: " + request.getMethod());

if (request.getMethod().equals(Request.INVITE)) {
    processInvite(requestEvent, serverTransactionId);
} else if (request.getMethod().equals(Request.ACK)) {
    processAck(requestEvent, serverTransactionId);
} else if (request.getMethod().equals(Request.INFO)) {
    processInfo(requestEvent);
} else if (request.getMethod().equals(Request.BYE)) {
    processBye(requestEvent, serverTransactionId);
}
}

/**
 * Process the bye request.
 */
public void processBye(RequestEvent requestEvent,
    ServerTransaction serverTransactionId) {
    SipProvider sipProvider = (SipProvider) requestEvent.getSource();
    Request request = requestEvent.getRequest();
    Dialog dialog = requestEvent.getDialog();
    System.out.println("local party = " + dialog.getLocalParty());
    try {
        System.out.println("shootme: got a bye sending OK.");
        Response response = messageFactory.createResponse(200, request);
        serverTransactionId.sendResponse(response);
        System.out.println("Dialog State is "
            + serverTransactionId.getDialog().getState());

    } catch (Exception ex) {
        ex.printStackTrace();
        System.exit(0);
    }
}

public void processResponse(ResponseEvent responseReceivedEvent) {
    // System.out.println("Got a response");
    Response response = (Response) responseReceivedEvent.getResponse();
    Transaction tid = responseReceivedEvent.getClientTransaction();

    // System.out.println("Response received with client transaction id "
    // + tid + ":\n" + response);

    System.out.println("GOT RESPONSE: " + response.getStatusCode());
    try {
        if (response.getStatusCode() == Response.OK && ((CSeqHeader)

```

```

response.getHeader(CSeqHeader.NAME)).getMethod().equals(Request.INVITE)) {

    Dialog dialog = tid.getDialog();
    Request request = tid.getRequest();
    dialog.sendAck(request);
}

} catch (Exception ex) {
    ex.printStackTrace();
    DialogTimeoutTest.fail("Shootme: Failed on process response: " + response.getStatusCode(), ex);
}

}

public void processTimeout(javax.sip.TimeoutEvent timeoutEvent) {

    if(protocolObjects.autoDialog) {
        DialogTimeoutTest.fail(
            "Shootme: Exception on timeout, event shouldn't be thrown on automatic dialog creation by the stack");
        stateIsOk = false;
    }
    /*
     * System.out.println("state = " + transaction.getState());
     * System.out.println("dialog = " + transaction.getDialog());
     * System.out.println("dialogState = " +
     * transaction.getDialog().getState());
     * System.out.println("Transaction Time out" +
     * transaction.getBranchId());
     */

}

public void processTimeout(DialogTimeoutEvent timeoutEvent) {
    DialogTimeoutTest.fail(
        "Shootme: Exception on timeout, event shouldn't be thrown since the listener is not implemented");
}

public void processTransactionTerminated(TransactionTerminatedEvent transactionTerminatedEvent) {
    // System.out.println("TransactionTerminatedEvent");
}

public void setResponseCodeToINFO(int responseCodeToINFO) {
    this.responseCodeToINFO = responseCodeToINFO;
}

/**
 * @param stateIsOk the stateIsOk to set

```

```

*/
public void setStateIsOk(boolean stateIsOk) {
    this.stateIsOk = stateIsOk;
}

/**
 * @return the stateIsOk
 */
public boolean isStateIsOk() {
    return stateIsOk;
}

class CheckAppData extends TimerTask {
    Dialog dialog;

    public CheckAppData(Dialog dialog) {
        this.dialog = dialog;
    }

    public void run() {
        System.out.println("Checking app data " + dialog.getApplicationData());
        if(dialog.getApplicationData() == null || !dialog.getApplicationData().equals("some junk")) {
            stateIsOk = false;
            DialogTimeoutTest.fail("application data should never be null except if nullified by the application !");
        }
    }
}

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```

```

* of the terms of this agreement
*
* .
*
*/
/*****
* Product of NIST/ITL Advanced Networking Technologies Division (ANTD)      *
*****/
package gov.nist.java.sip.message;

import gov.nist.java.sip.header.*;
import java.text.ParseException;

/**
 * Duplicate header exception: thrown when there is more
 * than one header of a type where there should only be one.
 * The exception handler may choose to :
 * 1. discard the duplicate by returning null
 * 2. keep the duplicate by just returning it.
 * 3. Discard the entire message by throwing an exception.
 * @version 1.2 $Revision: 1.6 $ $Date: 2009/07/17 18:57:54 $
 * @since 1.1
 * @author M. Ranganathan
 */
public class SIPDuplicateHeaderException extends ParseException {

    private static final long serialVersionUID = 8241107266407879291L;
    protected SIPHeader sipHeader;
    protected SIPMessage sipMessage;
    public SIPDuplicateHeaderException(String msg) {
        super(msg, 0);
    }
    public SIPMessage getSIPMessage() {
        return sipMessage;
    }

    public SIPHeader getSIPHeader() {
        return sipHeader;
    }

    public void setSIPHeader(SIPHeader sipHeader) {
        this.sipHeader = sipHeader;
    }

    public void setSIPMessage(SIPMessage sipMessage) {
        this.sipMessage = sipMessage;
    }
}

```

```

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 *
 * .
 *
 */
/*****
 * Product of NIST/ITL Advanced Networking Technologies Division (ANTD).      *
 *****/
package gov.nist.javax.sip.message;

import java.text.ParseException;
import javax.sip.header.*;

import java.util.LinkedList;
import java.util.List;
import gov.nist.javax.sip.header.*;

import javax.sip.message.*;
import javax.sip.address.*;
import gov.nist.javax.sip.parser.*;

/**
 * Message Factory implementation
 *
 * @version 1.2 $Revision: 1.24 $ $Date: 2010/05/06 14:08:03 $
 * @since 1.1
 *
 * @author M. Ranganathan <br/>

```

```

* @author Olivier Deruelle <br/>
*
*/
@SuppressWarnings("unchecked")
public class MessageFactoryImpl implements MessageFactory, MessageFactoryExt {

    private boolean testing = false;

    private boolean strict = true;

    private static String defaultContentEncodingCharset = "UTF-8";

    /*
     * The UserAgent header to include for all requests created from this message factory.
     */
    private static UserAgentHeader userAgent;

    /*
     * The Server header to include
     */
    private static ServerHeader server;

    public void setStrict(boolean strict) {
        this.strict = strict;
    }

    /**
     * This is for testing -- allows you to generate invalid requests
     */
    public void setTest(boolean flag) {
        this.testing = flag;
    }

    /**
     * Creates a new instance of MessageFactoryImpl
     */
    public MessageFactoryImpl() {
    }

    /**
     * Creates a new Request message of type specified by the method paramater,
     * containing the URI of the Request, the mandatory headers of the message
     * with a body in the form of a Java object and the body content type.
     */

```

- * @param requestURI -
- * the new URI object of the requestURI value of this Message.
- * @param method -
- * the new string of the method value of this Message.
- * @param callId -
- * the new CallIdHeader object of the callId value of this Message.
- * @param cSeq -
- * the new CSeqHeader object of the cSeq value of this Message.
- * @param from -
- * the new FromHeader object of the from value of this Message.
- * @param to -
- * the new ToHeader object of the to value of this Message.
- * @param via -
- * the new List object of the ViaHeaders of this Message.
- * @param content -
- * the new Object of the body content value of this Message.
- * @param contentType -
- * the new ContentTypeHeader object of the content type value of this Message.
- * @throws ParseException
- * which signals that an error has been reached unexpectedly
- * while parsing the method or the body.
- */

```

public Request createRequest(javax.sip.address.URI requestURI,
    String method, CallIdHeader callId, CSeqHeader cSeq,
    FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    Object content) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("Null parameters");

    SIPRequest sipRequest = new SIPRequest();
    sipRequest.setRequestURI(requestURI);
    sipRequest.setMethod(method);
    sipRequest.setCallId(callId);
    sipRequest.setCSeq(cSeq);
    sipRequest.setFrom(from);
    sipRequest.setTo(to);
    sipRequest.setVia(via);
    sipRequest.setMaxForwards(maxForwards);
    sipRequest.setContent(content, contentType);
    if ( userAgent != null ) {
        sipRequest.setHeader(userAgent);
    }
}

```

```

    return sipRequest;
}

/**
 * Creates a new Request message of type specified by the method parameter,
 * containing the URI of the Request, the mandatory headers of the message
 * with a body in the form of a byte array and body content type.
 *
 * @param requestURI -
 *     the new URI object of the requestURI value of this Message.
 * @param method -
 *     the new string of the method value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @param content -
 *     the new byte array of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the method or the body.
 */
public Request createRequest(URI requestURI, String method,
    CallIdHeader callId, CSeqHeader cSeq, FromHeader from, ToHeader to,
    List via, MaxForwardsHeader maxForwards, byte[] content,
    ContentTypeHeader contentType) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null || content == null
        || contentType == null)
        throw new ParseException(
            "JAIN-SIP Exception, some parameters are missing"
            + ", unable to create the request", 0);

    SIPRequest sipRequest = new SIPRequest();
    sipRequest.setRequestURI(requestURI);
    sipRequest.setMethod(method);

```



```

sipRequest.setCallId(callId);
sipRequest.setCSeq(cSeq);
sipRequest.setFrom(from);
sipRequest.setTo(to);
sipRequest.setVia(via);
sipRequest.setMaxForwards(maxForwards);
sipRequest.setHeader((ContentType) contentType);
sipRequest.setMessageContent(content);
if ( userAgent != null ) {
    sipRequest.setHeader(userAgent);
}
return sipRequest;
}

/**
 * Creates a new Request message of type specified by the method parameter,
 * containing the URI of the Request, the mandatory headers of the message.
 * This new Request does not contain a body.
 *
 * @param requestURI -
 *     the new URI object of the requestURI value of this Message.
 * @param method -
 *     the new string of the method value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the method.
 */
public Request createRequest(URI requestURI, String method,
    CallIdHeader callId, CSeqHeader cSeq, FromHeader from, ToHeader to,
    List via, MaxForwardsHeader maxForwards) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null)
        throw new ParseException(
            "JAIN-SIP Exception, some parameters are missing"
            + ", unable to create the request", 0);
}

```

```

SIPRequest sipRequest = new SIPRequest();
sipRequest.setRequestURI(requestURI);
sipRequest.setMethod(method);
sipRequest.setCallId(callId);
sipRequest.setCSeq(cSeq);
sipRequest.setFrom(from);
sipRequest.setTo(to);
sipRequest.setVia(via);
sipRequest.setMaxForwards(maxForwards);
if (userAgent != null) {
    sipRequest.setHeader(userAgent);
}

return sipRequest;
}

// Standard Response Creation methods

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, containing the mandatory headers of the message with a body in
 * the form of a Java object and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @param content -
 *     the new Object of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, Object content,

```

```

        ContentTypeHeader contentType) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException(" unable to create the response");

    SIPResponse sipResponse = new SIPResponse();
    StatusLine statusLine = new StatusLine();
    statusLine.setStatusCode(statusCode);
    String reasonPhrase = SIPResponse.getReasonPhrase(statusCode);
    //if (reasonPhrase == null)
    // throw new ParseException(statusCode + " Unkown ", 0);
    statusLine.setReasonPhrase(reasonPhrase);
    sipResponse.setStatusLine(statusLine);
    sipResponse.setCallId(callId);
    sipResponse.setCSeq(cSeq);
    sipResponse.setFrom(from);
    sipResponse.setTo(to);
    sipResponse.setVia(via);
    sipResponse.setMaxForwards(maxForwards);
    sipResponse.setContent(content, contentType);
    if (userAgent != null) {
        sipResponse.setHeader(userAgent);
    }
    return sipResponse;
}

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, containing the mandatory headers of the message with a body in
 * the form of a byte array and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @param content -
 *     the new byte array of the body content value of this Message.
 * @param contentType -

```

```

*     the new ContentTypeHeader object of the content type value of
*     this Message.
* @throws ParseException
*     which signals that an error has been reached unexpectedly
*     while parsing the statusCode or the body.
*/
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, byte[] content,
    ContentTypeHeader contentType) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("Null params ");

    SIPResponse sipResponse = new SIPResponse();
    sipResponse.setStatusCode(statusCode);
    sipResponse.setCallId(callId);
    sipResponse.setCSeq(cSeq);
    sipResponse.setFrom(from);
    sipResponse.setTo(to);
    sipResponse.setVia(via);
    sipResponse.setMaxForwards(maxForwards);
    sipResponse.setHeader((ContentType) contentType);
    sipResponse.setMessageContent(content);
    if (userAgent != null) {
        sipResponse.setHeader(userAgent);
    }
    return sipResponse;
}

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, containing the mandatory headers of the message. This new
 * Response does not contain a body.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -

```

```

*     the new List object of the ViaHeaders of this Message.
* @throws ParseException
*     which signals that an error has been reached unexpectedly
*     while parsing the statusCode.
*/
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null)
        throw new ParseException(
            "JAIN-SIP Exception, some parameters are missing"
            + ", unable to create the response", 0);

    SIPResponse sipResponse = new SIPResponse();
    sipResponse.setStatusCode(statusCode);
    sipResponse.setCallId(callId);
    sipResponse.setCSeq(cSeq);
    sipResponse.setFrom(from);
    sipResponse.setTo(to);
    sipResponse.setVia(via);
    sipResponse.setMaxForwards(maxForwards);
    if (userAgent != null) {
        sipResponse.setHeader(userAgent);
    }
    return sipResponse;
}

// Response Creation methods based on a Request

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, based on a specific Request with a new body in the form of a
 * Java object and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param request -
 *     the received Request object upon which to base the Response.
 * @param content -
 *     the new Object of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */

```

```

public Response createResponse(int statusCode, Request request,
    ContentTypeHeader contentType, Object content)
    throws ParseException {
    if (request == null || content == null || contentType == null)
        throw new NullPointerException("null parameters");

    SIPRequest sipRequest = (SIPRequest) request;
    SIPResponse sipResponse = sipRequest.createResponse(statusCode);
    sipResponse.setContent(content, contentType);
    if (server != null) {
        sipResponse.setHeader(server);
    }
    return sipResponse;
}

/**
 * Creates a new Response message of type specified by the statusCode
 * parameter, based on a specific Request with a new body in the form of a
 * byte array and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param request -
 *     the received Request object upon which to base the Response.
 * @param content -
 *     the new byte array of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */
public Response createResponse(int statusCode, Request request,
    ContentTypeHeader contentType, byte[] content)
    throws ParseException {
    if (request == null || content == null || contentType == null)
        throw new NullPointerException("null Parameters");

    SIPRequest sipRequest = (SIPRequest) request;
    SIPResponse sipResponse = sipRequest.createResponse(statusCode);
    sipResponse.setHeader((ContentType) contentType);
    sipResponse.setMessageContent(content);
    if (server != null) {
        sipResponse.setHeader(server);
    }
    return sipResponse;
}

```

```

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, based on a specific Request message. This new Response does
 * not contain a body.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param request -
 *     the received Request object upon which to base the Response.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode.
 */
public Response createResponse(int statusCode, Request request)
    throws ParseException {
    if (request == null)
        throw new NullPointerException("null parameters");

    // if (LogWriter.needsLogging)
    // LogWriter.logMessage("createResponse " + request);

    SIPRequest sipRequest = (SIPRequest) request;
    SIPResponse sipResponse = sipRequest.createResponse(statusCode);
    // Remove the content from the message (Bug report from
    // Antonis Karydas.
    sipResponse.removeContent();
    sipResponse.removeHeader(ContentTypeHeader.NAME);
    if (server != null) {
        sipResponse.setHeader(server);
    }
    return sipResponse;
}

/**
 * Creates a new Request message of type specified by the method paramater,
 * containing the URI of the Request, the mandatory headers of the message
 * with a body in the form of a byte array and body content type.
 *
 * @param requestURI -
 *     the new URI object of the requestURI value of this Message.
 * @param method -
 *     the new string of the method value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.

```

```

* @param from -
*     the new FromHeader object of the from value of this Message.
* @param to -
*     the new ToHeader object of the to value of this Message.
* @param via -
*     the new List object of the ViaHeaders of this Message.
* @param contentType -
*     the new ContentTypeHeader object of the content type value of
*     this Message.
* @param content -
*     the new byte array of the body content value of this Message.
* @throws ParseException
*     which signals that an error has been reached unexpectedly
*     while parsing the method or the body.
*/
public Request createRequest(javax.sip.address.URI requestURI,
    String method, CallIdHeader callId, CSeqHeader cSeq,
    FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    byte[] content) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("missing parameters");

    SIPRequest sipRequest = new SIPRequest();
    sipRequest.setRequestURI(requestURI);
    sipRequest.setMethod(method);
    sipRequest.setCallId(callId);
    sipRequest.setCSeq(cSeq);
    sipRequest.setFrom(from);
    sipRequest.setTo(to);
    sipRequest.setVia(via);
    sipRequest.setMaxForwards(maxForwards);
    sipRequest.setContent(content, contentType);
    if (userAgent != null) {
        sipRequest.setHeader(userAgent);
    }
    return sipRequest;
}

/**
* Creates a new Response message of type specified by the statusCode
* paramater, containing the mandatory headers of the message with a body in
* the form of a Java object and the body content type.
*
* @param statusCode

```



```

*      the new integer of the statusCode value of this Message.
* @param callId
*      the new CallIdHeader object of the callId value of this
*      Message.
* @param cSeq
*      the new CSeqHeader object of the cSeq value of this Message.
* @param from
*      the new FromHeader object of the from value of this Message.
* @param to
*      the new ToHeader object of the to value of this Message.
* @param via
*      the new List object of the ViaHeaders of this Message.
* @param contentType
*      the new ContentTypeHeader object of the content type value of
*      this Message.
* @param content
*      the new Object of the body content value of this Message.
* @throws ParseException
*      which signals that an error has been reached unexpectedly
*      while parsing the statusCode or the body.
*/
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    Object content) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("missing parameters");
    SIPResponse sipResponse = new SIPResponse();
    StatusLine statusLine = new StatusLine();
    statusLine.setStatusCode(statusCode);
    String reason = SIPResponse.getReasonPhrase(statusCode);
    if (reason == null)
        throw new ParseException(statusCode + " Unknown", 0);
    statusLine.setReasonPhrase(reason);
    sipResponse.setStatusLine(statusLine);
    sipResponse.setCallId(callId);
    sipResponse.setCSeq(cSeq);
    sipResponse.setFrom(from);
    sipResponse.setTo(to);
    sipResponse.setVia(via);
    sipResponse.setContent(content, contentType);
    if ( userAgent != null ) {
        sipResponse.setHeader(userAgent);
    }
    return sipResponse;
}

```

```

}

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, containing the mandatory headers of the message with a body in
 * the form of a byte array and the body content type.
 *
 * @param statusCode
 *     the new integer of the statusCode value of this Message.
 * @param callId
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from
 *     the new FromHeader object of the from value of this Message.
 * @param to
 *     the new ToHeader object of the to value of this Message.
 * @param via
 *     the new List object of the ViaHeaders of this Message.
 * @param contentType
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @param content
 *     the new byte array of the body content value of this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    byte[] content) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("missing parameters");
    SIPResponse sipResponse = new SIPResponse();
    StatusLine statusLine = new StatusLine();
    statusLine.setStatusCode(statusCode);
    String reason = SIPResponse.getReasonPhrase(statusCode);
    if (reason == null)
        throw new ParseException(statusCode + " : Unknown", 0);
    statusLine.setReasonPhrase(reason);
    sipResponse.setStatusLine(statusLine);
    sipResponse.setCallId(callId);
    sipResponse.setCSeq(cSeq);
    sipResponse.setFrom(from);

```

```

sipResponse.setTo(to);
sipResponse.setVia(via);
sipResponse.setContent(content, contentType);
if ( userAgent != null ) {
    sipResponse.setHeader(userAgent);
}
return sipResponse;
}

/**
 * Create a request from a string. Convenience method for UACs that want to
 * create an outgoing request from a string. Only the headers of the request
 * should be included in the String that is supplied to this method.
 *
 * @param requestString --
 *     string from which to create the message null string returns an
 *     empty message.
 */
public javax.sip.message.Request createRequest(String requestString)
    throws java.text.ParseException {
    if (requestString == null || requestString.equals("")) {
        SIPRequest retval = new SIPRequest();
        retval.setNullRequest();
        return retval;
    }

    StringMsgParser smp = new StringMsgParser();
    // smp.setStrict(this.strict);

    /**
     * This allows you to catch parse exceptions and create invalid messages
     * if you want.
     */
    ParseExceptionListener parseExceptionListener = new ParseExceptionListener() {

        public void handleException(ParseException ex,
            SIPMessage sipMessage, Class headerClass,
            String headerText, String messageText)
            throws ParseException {
            // Rethrow the error for the essential headers. Otherwise bad
            // headers are simply
            // recorded in the message.
            if (testing) {
                if (headerClass == From.class || headerClass == To.class
                    || headerClass == CallID.class
                    || headerClass == MaxForwards.class
                    || headerClass == Via.class
                    || headerClass == RequestLine.class

```

```

        || headerClass == StatusLine.class
        || headerClass == CSeq.class)
    throw ex;

    sipMessage.addUnparsed(headerText);
}

}

};

ParseExceptionListener exHandler = null;
if (this.testing)
    exHandler = parseExceptionHandler;

SIPMessage sipMessage = smp.parseSIPMessage(requestString.getBytes(), true, this.strict, exHandler);

if (!(sipMessage instanceof SIPRequest))
    throw new ParseException(requestString, 0);

return (SIPRequest) sipMessage;
}

/**
 * Create a response from a string
 *
 * @param responseString --
 *     string from which to create the message null string returns an
 *     empty message.
 */
public Response createResponse(String responseString)
    throws java.text.ParseException {
    if (responseString == null)
        return new SIPResponse();

    StringMsgParser smp = new StringMsgParser();

    SIPMessage sipMessage = smp.parseSIPMessage(responseString.getBytes(), true, false, null);

    if (!(sipMessage instanceof SIPResponse))
        throw new ParseException(responseString, 0);

    return (SIPResponse) sipMessage;
}

/**
 * Set the common UserAgent header for all requests created from this message factory.

```

```

* This header is applied to all Messages created from this Factory object except those
* that take String for an argument and create Message from the given String.
*
* @param userAgent -- the user agent header to set.
*
* @since 2.0
*/

public void setDefaultUserAgentHeader(UserAgentHeader userAgent) {
    MessageFactoryImpl.userAgent = userAgent;
}

/**
* Set the common Server header for all responses created from this message factory.
* This header is applied to all Messages created from this Factory object except those
* that take String for an argument and create Message from the given String.
*
* @param userAgent -- the user agent header to set.
*
* @since 2.0
*/

public void setDefaultServerHeader(ServerHeader server) {
    MessageFactoryImpl.server = server;
}

/**
* Get the default common UserAgentHeader.
*
* @return the user agent header.
*
* @since 2.0
*/

public static UserAgentHeader getDefaultUserAgentHeader() {
    return userAgent;
}

/**
* Get the default common server header.
*
* @return the server header.
*/

public static ServerHeader getDefaultServerHeader() {
    return server;
}

/**

```

```

* Set default charset used for encoding String content.
* @param charset
*/
public void setDefaultContentEncodingCharset(String charset) throws NullPointerException,
IllegalArgumentException {
    if (charset == null ) throw new NullPointerException ("Null argument!");
    MessageFactoryImpl.defaultContentEncodingCharset = charset;
}

public static String getDefaultContentEncodingCharset() {
    return MessageFactoryImpl.defaultContentEncodingCharset;
}

public MultipartMimeContent createMultipartMimeContent(ContentTypeHeader multipartMimeCth,
String[] contentType,
String[] contentSubtype,
String[] contentBody) {
    String boundary = multipartMimeCth.getParameter("boundary");
    MultipartMimeContentImpl retval = new MultipartMimeContentImpl(multipartMimeCth);
    for (int i = 0 ; i < contentType.length; i++) {
        ContentTypeHeader cth = new ContentType(contentType[i],contentSubtype[i]);
        ContentImpl contentImpl = new ContentImpl(contentBody[i],boundary);
        contentImpl.setContentTypeHeader(cth);
        retval.add(contentImpl);
    }
    return retval;
}
}

```

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1.337 javahelp2 2.0.05.ds1-3

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1.338 JavaMail API 1.4.2

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```
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```

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1.362 jna_GPLv2 3.0.9

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1.372 jsch 0.1.44

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1.374 json 0.9

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1.375 json-simple 1.1

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1.382 Junit 4.8.2

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* mq_open_tests.c

* Tests the various situations that should either succeed or fail to

* open a posix message queue and then reports whether or not they

* did as they were supposed to.

*

*/

1.385 kernel 2.6.32 :573.18.1.el6

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

* <http://www.hypermall.com/>

* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY

* interrupts us (except possibly for removal/insertion of the cable?)

* 10/4/97 - began heavy inline documentation of the code. Corrected typos

* and spelling mistakes.

* 10/5/97 - added code to handle PHY interrupts, disable PHY on

* loss of link, and correctly re-enable PHY when link is

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*

* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

* see `init_nicstar()` for PHY initialization to change this. This driver

* expects the Linux ATM stack to support scatter-gather lists

* (`skb->atm.iovcnt != 0`) for Rx skb's passed to `vcc->push`.

*

* Implementing minimal-copy of received data:

* IDT always receives data into a small buffer, then large buffers

* as needed. This means that data must always be copied to create

* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

* Fix is simple: make large buffers large enough to hold entire

* SDU, and leave `<small_buffer_data>` bytes empty at the start. Then

* copy small buffer contents to head of large buffer.

* Trick is to avoid fragmenting Linux, due to need for a lot of large

* buffers. This is done by 2 things:

* 1) `skb->destructor / skb->atm.recycle_buffer`

* combined, allow `nicstar_free_rx_skb` to be called to

* recycle large data buffers

* 2) `skb_clone` of received buffers

* See `nicstar_free_rx_skb` and `linearize_buffer` for implementation

* details.

*

*

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*
* M. Welsh, 6 July 1996
*
*/

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```
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```

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```
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```

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'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

That's all there is to it!

1.389 keyutils 1.4 :5.el6

1.389.1 Available under license :

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Version 2, June 1991

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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```


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Version 2.1, February 1999

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation

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root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the

source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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(at your option) any later version.
```

```
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```

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```

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

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The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.392 kmod 41885.0

1.392.1 Available under license :

This is the Debian GNU/Linux prepackaged version of kmod.

It has been packaged by Marco d'Itri <md@linux.it>.

Original sources were obtained from:

<http://www.kernel.org/pub/linux/utils/kernel/kmod/>

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Version 2.1, February 1999

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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lib/gssapi/generic/gssapi_err_generic.et

lib/gssapi/mechglue/g_accept_sec_context.c

lib/gssapi/mechglue/g_acquire_cred.c

lib/gssapi/mechglue/g_canon_name.c

lib/gssapi/mechglue/g_compare_name.c

lib/gssapi/mechglue/g_context_time.c

lib/gssapi/mechglue/g_delete_sec_context.c

lib/gssapi/mechglue/g_dsp_name.c

lib/gssapi/mechglue/g_dsp_status.c

lib/gssapi/mechglue/g_dup_name.c

lib/gssapi/mechglue/g_exp_sec_context.c

lib/gssapi/mechglue/g_export_name.c

lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
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lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
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cmd/krb5/iprof/iprof_hdr.h
cmd/krb5/kadmin/server/iprofd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
```

lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
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lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
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lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
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lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in ``src/lib/gssapi'`, including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h

lib/krb5/error_tables/kdb5_err.et

slave/kpropd_rpc.c

slave/kproplog.c

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cmd/krb5/ipropl/ipropl_hdr.h
cmd/krb5/kadmin/server/ipropld_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
```

lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
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cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
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lib/libgss/g_exp_sec_context.c
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lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
```


lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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```
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```

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```
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under certain conditions; type `show c' for details.
```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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- lib/gssapi/generic/gssapi_err_generic.et
- lib/gssapi/mechglue/g_accept_sec_context.c
- lib/gssapi/mechglue/g_acquire_cred.c
- lib/gssapi/mechglue/g_canon_name.c
- lib/gssapi/mechglue/g_compare_name.c
- lib/gssapi/mechglue/g_context_time.c
- lib/gssapi/mechglue/g_delete_sec_context.c
- lib/gssapi/mechglue/g_dsp_name.c
- lib/gssapi/mechglue/g_dsp_status.c
- lib/gssapi/mechglue/g_dup_name.c
- lib/gssapi/mechglue/g_exp_sec_context.c
- lib/gssapi/mechglue/g_export_name.c
- lib/gssapi/mechglue/g_glue.c
- lib/gssapi/mechglue/g_imp_name.c
- lib/gssapi/mechglue/g_imp_sec_context.c
- lib/gssapi/mechglue/g_init_sec_context.c
- lib/gssapi/mechglue/g_initialize.c
- lib/gssapi/mechglue/g_inquire_context.c
- lib/gssapi/mechglue/g_inquire_cred.c
- lib/gssapi/mechglue/g_inquire_names.c
- lib/gssapi/mechglue/g_process_context.c
- lib/gssapi/mechglue/g_rel_buffer.c
- lib/gssapi/mechglue/g_rel_cred.c
- lib/gssapi/mechglue/g_rel_name.c
- lib/gssapi/mechglue/g_rel_oid_set.c
- lib/gssapi/mechglue/g_seal.c
- lib/gssapi/mechglue/g_sign.c
- lib/gssapi/mechglue/g_store_cred.c
- lib/gssapi/mechglue/g_unseal.c
- lib/gssapi/mechglue/g_userok.c
- lib/gssapi/mechglue/g_utils.c
- lib/gssapi/mechglue/g_verify.c

lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprof_hdr.h
kadmin/server/iprofd_svc.c
lib/kdb/iprof.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in ``src/lib/gssapi'`, including the following files:

- lib/gssapi/generic/gssapi_err_generic.et
- lib/gssapi/mechglue/g_accept_sec_context.c
- lib/gssapi/mechglue/g_acquire_cred.c
- lib/gssapi/mechglue/g_canon_name.c
- lib/gssapi/mechglue/g_compare_name.c
- lib/gssapi/mechglue/g_context_time.c
- lib/gssapi/mechglue/g_delete_sec_context.c
- lib/gssapi/mechglue/g_dsp_name.c
- lib/gssapi/mechglue/g_dsp_status.c
- lib/gssapi/mechglue/g_dup_name.c
- lib/gssapi/mechglue/g_exp_sec_context.c

lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c

```
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
@end smallexample
```

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```
@smallexample
include/iprof_hdr.h
kadmin/server/iprofd_svc.c
lib/kdb/iprof.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c
@end smallexample
```

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```
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- lib/gssapi/mechglue/g_accept_sec_context.c
- lib/gssapi/mechglue/g_acquire_cred.c
- lib/gssapi/mechglue/g_canon_name.c
- lib/gssapi/mechglue/g_compare_name.c
- lib/gssapi/mechglue/g_context_time.c
- lib/gssapi/mechglue/g_delete_sec_context.c
- lib/gssapi/mechglue/g_dsp_name.c
- lib/gssapi/mechglue/g_dsp_status.c

lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
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/* A Bison parser, made by GNU Bison 2.4.3. */

/* Skeleton implementation for Bison's Yacc-like parsers in C

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1.398 less 436-1

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
This program is free software: you can redistribute it and/or modify  
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the Free Software Foundation, either version 3 of the License, or  
(at your option) any later version.
```

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If the program does terminal interaction, make it output a short
notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.  
This is free software, and you are welcome to redistribute it  
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```

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1.399 less 436 :13.el6

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Version 3, 29 June 2007

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The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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```
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```

```
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```

```
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under certain conditions; type `show c' for details.
```

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Less

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1.404 libattr 2.4.44 :7.el6

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```

```
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1.405 libauthen-pam-perl 0.16-2

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Authen::PAM

Version 0.16

2005-Sep-20

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DESCRIPTION

=====

This module provides a Perl interface to the PAM library.

Home site: <<http://nik.pelov.name/Authen-PAM/>>

After installing the module you can read a small faq with examples by typing 'perldoc Authen::PAM::FAQ'.

PREREQUISITES

=====

Before you can build Authen::PAM you need to have the following things installed on your system:

- * Perl, at least version 5.003_23
- * This module is known to work with the following or newer implementations of the PAM library:
 - Linux-PAM <<http://www.kernel.org/pub/linux/libs/pam/>>
 - Solaris 2.6
 - FreeBSD 3.1
 - OpenPAM <<http://openpam.sourceforge.net/>>
 - HP-UX 11.0
 - Darwin 6.0 and Mac OS X 10.2

BUILDING AND INSTALLING THE MODULE

=====

Assuming you have met all the prerequisites, you can build the module using the standard sequence of commands:

```
perl Makefile.PL
make
make test
make install
```

By default the module is build using the compiler and options used to build the perl executable itself. If you want to change the C compiler then set the CC environment variable, for example like this:

```
CC=gcc perl Makefile.PL
```

However, besides changing the compiler, it is still not possible to change any other options (for example CFLAGS). If you want to do this then you should edit by hand the generated Makefile.

If you have any problems in building and installing the module then you should first check on the home page of the Authen::PAM module for the latest development version (if any) which could possibly fix your problems. If none is available or the problems remain then you can write me a mail which includes the following information:

- * the version of your unix - `uname -a`
- * the configuration of the perl - `perl -V`
- * if you are on linux:
 - the name and version of the distribution you are using
 - the version of the pam - `ls /lib/libpam.so*` or `ls /usr/lib/libpam.so*`
- * the description of the "login" service from your pam configuration - usually found in `/etc/pam.conf` file or in the file `/etc/pam.d/login`
- * the output of the `perl Makefile.PL`, `make` and `make test`
- * any relevant messages produced by the syslogd daemon - usually found in `/var/log/messages`
- * if the problem is in a perl script which uses the Authen::PAM module then the source of this script (even if it is a slight modification of some of the source code provided with this module)

KNOWN PROBLEMS

=====

Missing PAM header files

I know that this is trivial, but some people actually report this.

If you get an error like

```
PAM.xs:11: security/pam_appl.h: No such file or directory
```

this means that either you don't have the PAM library installed on your system or at least the PAM header files are missing. If your distribution provides the PAM library as packages then you should check that you also have installed the pam-dev or pam-devel package.

FreeBSD 4.x

Several people have reported the following error during 'make test':

```
not ok 10 (28 - Module is unknown)
```

I've tracked down the problem to the dynamic loader of FreeBSD not exporting some symbols in dlopen()'d modules. I've submitted a bug report - <http://www.freebsd.org/cgi/query-pr.cgi?pr=25059>

It seems that this bug has been fixed already and starting from the next release of FreeBSD (probably 4.6) the module should work again.

Solaris 2.8

Some users are reporting the following error during 'make test':

```
Segmentation Fault - core dumped
```

```
make: *** [test_dynamic] Error 139
```

The problem seems to be related with the use of Kerberos authentication (pam_krb5 or pam_krb54). At this moment I don't have any explanation for it.

Login Restrictions

Most of the current configurations of the 'login' service include a module 'pam_securetty' or 'pam_access' which restrict the login of some users (especially root) depending on the tty or the host name they are logging from. The configuration files of these two modules are /etc/securetty and /etc/security/access.conf respectively.

So, if you are running 'make test' and get an error '(Authentication failure)' on test 10 then this might be due to login restrictions of PAM.

Deprecated

The following problems occurred on old versions of libraries and OSes and are not included in the README file anymore. If you experience them, check the README file in older versions of the PAM library (0.14 or less).

- Solaris 2.6 buggy PAM library
- Perl 5.004_03
- RedHat 6.1 (Authentication failure)
- RedHat 8.0 (Segmentation fault (core dumped))

AUTHOR

=====

Nikolay Pelov <NIKIP at cpan dot org>

Web page: <<http://nik.pelov.name/Authen-PAM/>>

1.406 libbsd 0.4.2-1

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This code is derived from section 17.1 of Applied Cryptography,
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cipher called "arcfour" in Tatu Ylonen's ssh package.

Here the stream cipher has been modified always to include the time when initializing the state. That makes it impossible to regenerate the same random sequence twice, so this can't be used for encryption, but will generate good random numbers.

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Equivalent code is available from RSA Data Security, Inc. This code has been tested against that, and is equivalent, except that you don't need to include two pages of legalese with every copy.

To compute the message digest of a chunk of bytes, declare an MD5Context structure, pass it to MD5Init, call MD5Update as needed on buffers full of bytes, and then call MD5Final, which will fill a supplied 16-byte array with the digest.

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This code is derived from section 17.1 of Applied Cryptography, second edition, which describes a stream cipher allegedly compatible with RSA Labs "RC4" cipher (the actual description of which is a trade secret). The same algorithm is used as a stream cipher called "arcfour" in Tatu Ylonen's ssh package.

Here the stream cipher has been modified always to include the time when initializing the state. That makes it impossible to regenerate the same random sequence twice, so this can't be used for encryption, but will generate good random numbers.

RC4 is a registered trademark of RSA Laboratories.

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This code implements the MD5 message-digest algorithm. The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed. This code is in the public domain; do with it what you wish.

Equivalent code is available from RSA Data Security, Inc. This code has been tested against that, and is equivalent, except that you don't need to include two pages of legalese with every copy.

To compute the message digest of a chunk of bytes, declare an MD5Context structure, pass it to MD5Init, call MD5Update as needed on buffers full of bytes, and then call MD5Final, which will fill a supplied 16-byte array with the digest.

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1.407 libc6 2.11.3-4

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1.414 libclass-isa-perl 0.36 :Dominic Hargreaves 24 Nov 2011

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1.415 libclass-load-perl 0.17 :Angel Abad 13 Feb 2012

1.415.1 Available under license :

Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Shawn M Moore <sartak@bestpractical.com>

Source: <http://search.cpan.org/dist/Class-Load/>

Name: Class-Load

Files: *

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Files: debian/*

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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any later version.
```

```
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```


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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program 'Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

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1.416 libcrypt-ssleay-perl 0.57-2

1.417 libcurl 7.19.7 :37.el6_4

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Summary: A utility for getting files from remote servers (FTP, HTTP, and others)

Name: curl

Version: 7.19.7

Release: 37%{?dist}

License: MIT

Group: Applications/Internet

Source: <http://curl.haxx.se/download/%{name}-%{version}.tar.lzma>

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=====

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c-ares <http://daniel.haxx.se/projects/c-ares/license.html>

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib http://www.gzip.org/zlib/zlib_license.html

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

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MIT Kerberos <http://web.mit.edu/kerberos/www/dist/>

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fbopenssl

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1.419 libdaemon 0.14-2

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1.420 libdata-optlist-perl 0.104-1

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```
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That's all there is to it!

1.423 libdrm 2.4.21-1~squeeze3

1.424 libdrm 2.4.52 :4.e16

1.424.1 Available under license :

```
/**
 * \file xf86drm.h
 * OS-independent header for DRM user-level library interface.
 *
 * \author Rickard E. (Rik) Faith <faith@valinux.com>
 */

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1.425 libedit 2.11~20080614-1

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1.426 libedit 2.11 :4.20080712cvs.1.e16

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1.427 libencode-locale-perl 1.03-1

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Format: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=174>

Upstream-Contact: Gisle Aas <gisle@activestate.com>

Source: <http://search.cpan.org/dist/Encode-Locale/>

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1.428 libffi 3.0.10-3

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1.429 libffi 3.0.5 :3.2.el6

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1.430 libfile-copy-recursive-perl 0.38-1

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1.431 libfile-listing-perl 6.04-1

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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Gisle Aas <gisle@activestate.com>

Source: <http://search.cpan.org/dist/File-Listing/>

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1.432 libfontenc 1:1.0.5-2

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1.433 libfs 2:1.0.2-1

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1.434 libgcc1 1:4.4.5-8

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document.

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1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

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@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

@c man end

@c man begin COPYRIGHT

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@c man end

@end ignore

@node Copying

@c man begin DESCRIPTION

@unnumbered GNU GENERAL PUBLIC LICENSE

@center Version 2, June 1991

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@end enumerate

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@heading END OF TERMS AND CONDITIONS

@end iftex

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@center END OF TERMS AND CONDITIONS

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@page

@unnumberedsec Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the program's name and a brief idea of what it does.}

Copyright (C) @var{year} @var{name of author}

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You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
@smallexample
Gnomovision version 69, Copyright (C) @var{year} @var{name of author}
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
@end smallexample
```

The hypothetical commands @samp{show w} and @samp{show c} should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than @samp{show w} and @samp{show c}; they could even be mouse-clicks or menu items---whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may

consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

@c man end

@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

@c man end

@c man begin COPYRIGHT

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@c man end

@end ignore

@node Copying

@c man begin DESCRIPTION

@unnumbered GNU General Public License

@center Version 3, 29 June 2007

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@display

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The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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@enumerate a

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The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

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Version 2.1, February 1999

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major

components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Ty Coon, President of Vice

That's all there is to it!

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the

garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by

Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems.

Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and

Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.

Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.

Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports.

Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.

David Chase, then at Olivetti Research, suggested several improvements.

Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.

Jesse Hull and John Ellis supplied the C++ interface code.

Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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@appendixsubsec How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@end smallexample

Also add information on how to contact you by electronic and paper mail.

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@smallexample

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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#

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128 bit long double support was introduced with GCC 4.6.0 for FreeBSD.

These lines make the symbols to get a @@GCC_4.6.0.

```
%exclude {
__addtf3
__copysigntf3
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
__fabstf2
__fixtfdi
__fixtfsi
__fixtfti
__fixunstfdi
__fixunstfsi
__fixunstfti
__floatditf
__floatsitf
__floattitf
__floatunditf
__floatunsitf
__floatuntitf
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__trunctdf2
__trunctsf2
__trunctxf2
__unordtf2
}
```

```
GCC_4.6.0 {
__addtf3
%ifndef __x86_64__
__copysigntf3
```

```
%endif
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
%ifndef __x86_64__
__fabstf2
%endif
__fixtfdi
__fixtfsi
%ifdef __x86_64__
__fixtfti
%endif
__fixunstfdi
__fixunstfsi
%ifdef __x86_64__
__fixunstfti
%endif
__floatditf
__floatsitf
%ifdef __x86_64__
__floattitf
%endif
__floatunditf
__floatunsitf
%ifdef __x86_64__
__floatuntitf
%endif
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__trunctdf2
__trunctsf2
__trunctxf2
__unordtf2
}
```

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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* m4/ax_func_which_gethostbyname_r.m4

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above

specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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1.436 libgrypt11 1.4.5-2

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It was taken over by Matthias Urlichs <smurf@debian.org>, and is now maintained by Andreas Metzler <ametzler@debian.org> Eric Dorland <eric@debian.org>, James Westby <jw+debian@jameswestby.net>

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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1.439 libhtml-form-perl 6.03-1

1.439.1 Available under license :

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Upstream-Contact: Gisle Aas <gisle@activestate.com>

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1.440 libhtml-parser-perl 3.66-1

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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Gisle Aas <gisle@activestate.com>

Source: <http://search.cpan.org/dist/HTML-Parser/>

Name: HTML-Parser

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2005, 2006, 2007, Krzysztof Krzyzaniak (eloy) <eloy@debian.org>

2005, Florian Ragwitz <rafl@debianforum.de>

2008, Damyan Ivanov <dmn@debian.org>

2009-2011, Salvatore Bonaccorso <carnil@debian.org>

2009, Rene Mayorga <rmayorga@debian.org>

2010, Nicholas Bamber <nicholas@peript.co.uk>

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1.441 libhtml-tagset-perl 3.20-2

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It is currently maintained by Debian Perl Group, previously by Kenneth J. Pronovici <pronovic@debian.org>, and was originally packaged by Michael Alan Dorman <mdorman@debian.org>.

The original sources should always be available from the Comprehensive Perl Archive Network (CPAN):

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```
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```

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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
```

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: HTML-Tree

Upstream-Contact: Christopher J. Madsen

Source: <http://search.cpan.org/dist/HTML-Tree/>

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1.446 libhttp-message-perl 6.03 :2012-02-16

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1.447 libhttp-negotiate-perl 6.00 :2011-02-27

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1.448 libhttp-server-simple-perl 0.44-1

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Maintainer: Jesse Vincent <jesse+cpan@fsck.com>

Source: <http://search.cpan.org/dist/HTTP-Server-Simple/>

Name: HTTP-Server-Simple

Files: *

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Files: inc/Module/*

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Libidn README -- Important introductory notes.

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```
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1.456 libio-pty-perl 1:1.08-1

1.457 libio-socket-ssl-perl 1.76 :2012.06.18

1.457.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: IO-Socket-SSL

Upstream-Contact: Steffen Ullrich

Peter Behroozi

Marko Asplund

Source: <http://search.cpan.org/dist/IO-Socket-SSL/>

Files: *

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The End

1.458 libjpeg-turbo 1.2.1 :3.el6_5

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=====

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DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.txt How to configure and install the IJG software.
usage.txt Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wjjpgcom.
*.1 Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.txt How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.txt Overview of the JPEG library's internal structure.
filelist.txt Road map of IJG files.
coderrules.txt Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG's strong suit is compressing photographic images or other types of images that have smooth color and brightness transitions between neighboring pixels. Images with sharp lines or other abrupt features may not compress well with JPEG, and a higher JPEG quality may have to be used to avoid visible compression artifacts with such images.

JPEG is lossy, meaning that the output pixels are not necessarily identical to the input pixels. However, on photographic content and other "smooth" images, very good compression ratios can be obtained with no visible compression artifacts, and extremely high compression ratios are possible if you are willing to sacrifice image quality (by reducing the "quality" setting in the compressor.)

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and

flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES

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We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is

Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <http://www.ijg.org/files/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2).

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from

<http://www.ecma-international.org/publications/techreports/E-TR-098.htm>.

A PostScript version of the JFIF document is available at

<http://www.ijg.org/files/jfif.ps.gz>. There is also a plain text version at

<http://www.ijg.org/files/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6).

Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <http://www.ijg.org/files/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS

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The "official" archive site for this software is www.ijg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as <http://www.ijg.org/files/jpegsr8d.tar.gz>, and in Windows-compatible "zip" archive format as <http://www.ijg.org/files/jpegsr8d.zip>.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG.

It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at [rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/](ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/). If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1

send usenet/news.answers/jpeg-faq/part2

FILE FORMAT WARS

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The ISO JPEG standards committee actually promotes different formats like "JPEG 2000" or "JPEG XR", which are incompatible with original DCT-based JPEG. IJG therefore does not support these formats (see REFERENCES). Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files.

Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

TO DO

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Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

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/*

* jQuery JavaScript Library v1.3.2

* <http://jquery.com/>

*

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*

* Date: 2009-02-19 17:34:21 -0500 (Thu, 19 Feb 2009)

* Revision: 6246

*/

// Search script generated by doxygen

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1.460 libjpeg8 8d-1

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It is partly based on the libjpeg6a package originally put together by Andy Guy <awpguy@acs.ualgary.ca> and later maintained by Mark Mickan.

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1.461 liblocale-gettext-perl 1.05-6

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Maintainer: Phillip Vandry <vandry@TZoNE.ORG>

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1.462 liblog-dispatch-perl 2.22-1

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Source: <http://search.cpan.org/dist/Log-Dispatch/>

Upstream-Name: Log-Dispatch

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1.465 liblwp-protocol-https-perl 6.03 :2012-02-18

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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Gisle Aas <gisle@activestate.com>

Source: <http://search.cpan.org/dist/LWP-Protocol-https/>

Name: LWP-Protocol-https

Files: *

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1.466 libmodule-implementation-perl 0.06 :2012-02-12

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1.467 libmodule-runtime-perl 0.013 :2012-02-16

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1.468 libnet 1.1.5 :2004/03/01 20:26:11 mike

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1.469 libnet-http-perl 6.03 :2

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```
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```

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1.471 libnet-ssleay-perl 1.36-1

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Mike McCauley <mikem@open.com.au>

Source: <http://search.cpan.org/dist/Net-SSLey/>

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```
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```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.473 libnfnetlink 1.0.0-1

1.473.1 Available under license :

This package was debianized by Max Kellermann <max@duempel.org> on
Wed Sep 20 22:57:38 CEST 2006

It was downloaded from <http://www.netfilter.org/downloads.html>

Upstream Author: Netfilter Core Team <coreteam@netfilter.org>

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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# Please send patches to <config-patches@gnu.org>. Submit a context
# diff and a properly formatted ChangeLog entry.
#
# Configuration subroutine to validate and canonicalize a configuration type.
# Supply the specified configuration type as an argument.
# If it is invalid, we print an error message on stderr and exit with code 1.
# Otherwise, we print the canonical config type on stdout and succeed.

# This file is supposed to be the same for all GNU packages
# and recognize all the CPU types, system types and aliases
# that are meaningful with *any* GNU software.
# Each package is responsible for reporting which valid configurations
# it does not support. The user should be able to distinguish
# a failure to support a valid configuration from a meaningless
# configuration.

# The goal of this file is to map all the various variations of a given
# machine specification into a single specification in the form:
# CPU_TYPE-MANUFACTURER-OPERATING_SYSTEM
# or in some cases, the newer four-part form:
# CPU_TYPE-MANUFACTURER-KERNEL-OPERATING_SYSTEM
# It is wrong to echo any other type of specification
/* nih-dbus-tool
*
* annotation.c - annotation parsing and handling
*
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*/

1.475 libnspr4 2:4.9.2-1+deb7u2

1.475.1 Available under license :

This package was debianized by Mike Hommey <glandium@debian.org> on
Sun, 25 Mar 2007 12:17:27 +0200.

It was downloaded from <http://ftp.mozilla.org/pub/mozilla.org/nspr/>

Upstream Author: The Mozilla Project.

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1.478 libpackage-deprecationmanager-perl

0.04-1

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```
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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Andrew Main (Zefram) <zefram@fysh.org>

Source: <http://search.cpan.org/dist/Params-Classify/>

Name: Params-Classify

Files: *

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Source: <http://search.cpan.org/dist/Params-Util/>

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1.482 libparams-validate-perl 0.93-1

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1.483 libpcap 1.1.1-2+squeeze1

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1.484 libpcap 1.4.0 :1.20130826git2dbcaa1.el6

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1.485 libpciaccess 0.13.1-2

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1.493 libsemanage 2.1.6-6

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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```

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Ty Coon, President of Vice
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1.498 libsm 2:1.1.1-1

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1.499 libSM 1.2.1 :2.e16

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Upstream-Name: libssh2

Upstream-Contact: Daniel Stenberg <daniel@haxx.se>

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1.503 libssl1.0.0 1.0.1e-2+deb7u11

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Motorolla 68020 20mhz, NetBSD

SSLey 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
|-----------|---------|----------|-----------|------------|------------|
| md2 | 2176.00 | 5994.67 | 8079.73 | 8845.18 | 9077.01 |
| mdc2 | 5730.67 | 6122.67 | 6167.66 | 6176.51 | 6174.87 |
| md5 | 29.10k | 127.31k | 209.66k | 250.50k | 263.99k |
| hmac(md5) | 12.33k | 73.02k | 160.17k | 228.04k | 261.15k |
| sha1 | 11.27k | 49.37k | 84.31k | 102.40k | 109.23k |
| rmd160 | 11.69k | 48.62k | 78.76k | 93.15k | 98.41k |

| | | | | | |
|---------------|---------|---------|---------|---------|---------|
| rc4 | 117.96k | 148.94k | 152.57k | 153.09k | 152.92k |
| des cbc | 27.13k | 30.06k | 30.38k | 30.38k | 30.53k |
| des ede3 | 10.51k | 10.94k | 11.01k | 11.01k | 11.01k |
| idea cbc | 26.74k | 29.23k | 29.45k | 29.60k | 29.74k |
| rc2 cbc | 34.27k | 39.39k | 40.03k | 40.07k | 40.16k |
| rc5-32/12 cbc | 64.31k | 83.18k | 85.70k | 86.70k | 87.09k |
| blowfish cbc | 48.86k | 59.18k | 60.07k | 60.42k | 60.78k |
| cast cbc | 42.67k | 50.01k | 50.86k | 51.20k | 51.37k |

sign verify sign/s verify/s

| | | | | |
|---------------|----------|---------|-----|------|
| rsa 512 bits | 0.7738s | 0.0774s | 1.3 | 12.9 |
| rsa 1024 bits | 4.3967s | 0.2615s | 0.2 | 3.8 |
| rsa 2048 bits | 29.5200s | 0.9664s | 0.0 | 1.0 |

sign verify sign/s verify/s

| | | | | |
|---------------|---------|----------|-----|-----|
| dsa 512 bits | 0.7862s | 0.9709s | 1.3 | 1.0 |
| dsa 1024 bits | 2.5375s | 3.1625s | 0.4 | 0.3 |
| dsa 2048 bits | 9.2150s | 11.8200s | 0.1 | 0.1 |

Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLey 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D_ANSI_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

| | | | | | |
|---------------|-----------|-----------|-----------|------------|------------|
| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
| md2 | 130.99k | 367.68k | 499.09k | 547.04k | 566.50k |
| md5 | 1924.98k | 8293.50k | 13464.41k | 16010.39k | 16820.68k |
| sha | 1250.75k | 5330.43k | 8636.88k | 10227.36k | 10779.14k |
| sha1 | 1071.55k | 4572.50k | 7459.98k | 8791.96k | 9341.61k |
| rc4 | 10724.22k | 14546.25k | 15240.18k | 15259.50k | 15265.63k |
| des cbc | 3309.11k | 3883.01k | 3968.25k | 3971.86k | 3979.14k |
| des ede3 | 1442.98k | 1548.33k | 1562.48k | 1562.00k | 1563.33k |
| idea cbc | 2195.69k | 2506.39k | 2529.59k | 2545.66k | 2546.54k |
| rc2 cbc | 806.00k | 833.52k | 837.58k | 838.52k | 836.69k |
| blowfish cbc | 4687.34k | 5949.97k | 6182.43k | 6248.11k | 6226.09k |
| rsa 512 bits | 0.010s | | | | |
| rsa 1024 bits | 0.045s | | | | |
| rsa 2048 bits | 0.260s | | | | |
| rsa 4096 bits | 1.690s | | | | |

This package was debianized by Christoph Martin martin@uni-mainz.de on Fri, 22 Nov 1996 21:29:51 +0100.

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That's all there is to it!

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dossier (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?)) and
Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn't
made it into the released version of the collector, yet.)
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```

```
# 128 bit long double support was introduced with GCC 4.6.0 for FreeBSD.
# These lines make the symbols to get a @@GCC_4.6.0.
```

```
%exclude {
__addtf3
__copysigntf3
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
__fabstf2
__fixtfdi
__fixtfsi
__fixtfti
__fixunstfdi
__fixunstfsi
__fixunstfti
__floatditf
__floatsitf
__floattitf
__floatunditf
__floatunsitf
__floatuntitf
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
__netf2
```

```

__powtf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}

GCC_4.6.0 {
__addtf3
#ifdef __x86_64__
__copysigntf3
#endif
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
#ifdef __x86_64__
__fabstf2
#endif
__fixtfdi
__fixtfsi
#ifdef __x86_64__
__fixtfti
#endif
__fixunstfdi
__fixunstfsi
#ifdef __x86_64__
__fixunstfti
#endif
__floatditf
__floatsitf
#ifdef __x86_64__
__floattitf
#endif
__floatunditf
__floatunsitf
#ifdef __x86_64__
__floatuntitf
#endif
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3

```

```
__negtf2
__netf2
__powitf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}
```

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Version 2.1, February 1999

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file

that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system,

rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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```
<one line to give the library's name and a brief idea of what it does.>  
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That's all there is to it!

```
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
Copyright @copyright{ } 2007 Free Software Foundation, Inc.
```

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```
@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@unnumbered GNU General Public License
@center Version 3, 29 June 2007

@c This file is intended to be included in another file.
```

```
@display
Copyright @copyright{ } 2007 Free Software Foundation, Inc. @url{http://fsf.org/}
```

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```
@end display
```

```
@heading Preamble
```

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The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

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You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

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@item

The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

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@item

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@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

@item

Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

@item

Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

@item

Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under

subsection 6d.

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@smallexample

@var{one line to give the program's name and a brief idea of what it does.}
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If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

@smallexample

```
@var{program} Copyright (C) @var{year} @var{name of author}
This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample
```

The hypothetical commands `@samp{show w}` and `@samp{show c}` should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an ```about box```.

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```
@c man end
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
Copyright @copyright{} 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA
```

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```
@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@unnumbered GNU GENERAL PUBLIC LICENSE
@center Version 2, June 1991

@c This file is intended to be included in another file.
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@display
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@end smallexample

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
@end smallexample
```

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```
@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example
```

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@ignore
@c Set file name and title for man page.
@setfilename gfdl
@settitle GNU Free Documentation License
@c man begin SEEALSO
gpl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
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@c hence no sectioning command or @node.
@c man end
@end ignore
@c Special handling for inclusion in the install manual.
@ifset gfdlhtml
@ifnohtml
@comment node-name, next, previous, up
@node GNU Free Documentation License, Concept Index, Old, Top
@end ifnohtml
@html
<h1 align="center">Installing GCC: GNU Free Documentation License</h1>
@end html
@ifnohtml
@unnumbered GNU Free Documentation License
@end ifnohtml
@end ifset
@c man begin DESCRIPTION
@ifclear gfdlhtml
@node GNU Free Documentation License
@unnumbered GNU Free Documentation License
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Jan 21, 2002

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Directory native/fdlibm

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```
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```

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```
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Matthias Urlichs <smurf@debian.org>.

It is now maintained by Andreas Metzler <ametzler@debian.org>, Eric Dorland <eric@debian.org> and James Westby <jw+debian@jameswestby.net>

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Upstream Authors: Fabio Fiorina <fiorinaf@gnutls.org>
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```
eval '(exit $?0)' && eval 'exec perl -wS -0777 -pi "$0" ${1+"$@"}'  
& eval 'exec perl -wS -0777 -pi "$0" $argv:q'  
if 0;
```

```
# Update an FSF copyright year list to include the current year.
```

```
my $VERSION = '2009-12-28.11:09'; # UTC
```

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```

```
#
```

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```

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```

```
# Written by Jim Meyering and Joel E. Denny
```

```
# The arguments to this script should be names of files that contain FSF  
# copyright statements to be updated. For example, you might wish to  
# use the update-copyright target rule in maint.mk from gnulib's  
# maintainer-makefile module.
```

```
#
```

```
# Iff an FSF copyright statement is recognized in a file and the final
```

```

# year is not the current year, then the statement is updated for the
# new year and it is reformatted to:
#
# 1. Fit within 72 columns.
# 2. Convert 2-digit years to 4-digit years by prepending "19".
# 3. Expand copyright year intervals. (See "Environment variables"
#    below.)
#
# A warning is printed for every file for which no FSF copyright
# statement is recognized.
#
# Each file's FSF copyright statement must be formatted correctly in
# order to be recognized. For example, each of these is fine:
#
# Copyright @copyright{ } 1990-2005, 2007-2009 Free Software
# Foundation, Inc.
#
# # Copyright (C) 1990-2005, 2007-2009 Free Software
# # Foundation, Inc.
#
# /*
#  * Copyright &copy; 90,2005,2007-2009
#  * Free Software Foundation, Inc.
#  */
#
# However, the following format is not recognized because the line
# prefix changes after the first line:
#
# ## Copyright (C) 1990-2005, 2007-2009 Free Software
# # Foundation, Inc.
#
# The following copyright statement is not recognized because the
# copyright holder is not the FSF:
#
# Copyright (C) 1990-2005, 2007-2009 Acme, Inc.
#
# However, any correctly formatted FSF copyright statement following
# either of the previous two copyright statements would be recognized.
#
# The exact conditions that a file's FSF copyright statement must meet
# to be recognized are:
#
# 1. It is the first FSF copyright statement that meets all of the
#    following conditions. Subsequent FSF copyright statements are
#    ignored.
# 2. Its format is "Copyright (C)", then a list of copyright years,
#    and then the name of the copyright holder, which is "Free
#    Software Foundation, Inc.".

```



```

# 3. The "(C)" takes one of the following forms or is omitted
#   entirely:
#
#   A. (C)
#   B. (c)
#   C. @copyright{ }
#   D. &copy;
#
# 4. The "Copyright" appears at the beginning of a line except that it
#   may be prefixed by any sequence (e.g., a comment) of no more than
#   5 characters.
# 5. Iff such a prefix is present, the same prefix appears at the
#   beginning of each remaining line within the FSF copyright
#   statement. There is one exception in order to support C-style
#   comments: if the first line's prefix contains nothing but
#   whitespace surrounding a "/*", then the prefix for all subsequent
#   lines is the same as the first line's prefix except with each of
#   "/" and possibly "*" replaced by a " ". The replacement of "*"
#   by " " is consistent throughout all subsequent lines.
# 6. Blank lines, even if preceded by the prefix, do not appear
#   within the FSF copyright statement.
# 7. Each copyright year is 2 or 4 digits, and years are separated by
#   commas or dashes. Whitespace may appear after commas.
#
# Environment variables:
#
# 1. If UPDATE_COPYRIGHT_FORCE=1, a recognized FSF copyright statement
#   is reformatted even if it does not need updating for the new
#   year. If unset or set to 0, only updated FSF copyright
#   statements are reformatted.
# 2. If UPDATE_COPYRIGHT_USE_INTERVALS=1, every series of consecutive
#   copyright years (such as 90, 1991, 1992-2007, 2008) in a
#   reformatted FSF copyright statement is collapsed to a single
#   interval (such as 1990-2008). If unset or set to 0, all existing
#   copyright year intervals in a reformatted FSF copyright statement
#   are expanded instead.
# 3. For testing purposes, you can set the assumed current year in
#   UPDATE_COPYRIGHT_YEAR.
# 4. The default maximum line length for a copyright line is 72.
#   Set UPDATE_COPYRIGHT_MAX_LINE_LENGTH to use a different length.

```

```

use strict;
use warnings;

```

```

my $copyright_re = 'Copyright';
my $circle_c_re = '(?:\[cC\])|@copyright{ }|&copy;';
my $holder = 'Free Software Foundation, Inc.';
my $prefix_max = 5;

```

```

my $margin = $ENV{UPDATE_COPYRIGHT_MAX_LINE_LENGTH};
!$margin || $margin !~ m/^\d+$/
and $margin = 72;

my $tab_width = 8;

my $this_year = $ENV{UPDATE_COPYRIGHT_YEAR};
if (!$this_year || $this_year !~ m/^\d{4}$/)
{
    my ($sec, $min, $hour, $mday, $month, $year) = localtime (time ());
    $this_year = $year + 1900;
}

# Unless the file consistently uses "\r\n" as the EOL, use "\n" instead.
my $eol = /(?:^[^r])\n/ ? "\n" : "\r\n";

my $leading;
my $prefix;
my $ws_re;
my $stmt_re;
while (/^(^\\n){0,$prefix_max}$copyright_re/g)
{
    $leading = "$1$2";
    $prefix = $2;
    if ($prefix =~ /^(s*\v)\*(s*)$/)
    {
        {
            $prefix =~ s/, ,;
            my $prefix_ws = $prefix;
            $prefix_ws =~ s^*/;/; # Only whitespace.
            if (/^G(?:[^\n]|*\^[^\\n])*\*?*\n$prefix_ws/)
            {
                $prefix = $prefix_ws;
            }
        }
    }
    $ws_re = '[\t\r\f]'; # \s without \n
    $ws_re =
        "(?:$ws_re*(?:$ws_re\\n" . quotemeta($prefix) . ")$ws_re*)";
    my $holder_re = $holder;
    $holder_re =~ s/\$/ws_re/g;
    my $stmt_remainder_re =
        "(?:$ws_re$circle_c_re)?"
        . "$ws_re(?:?:\d\d)?\d\d\d(?:,$ws_re?-)*"
        . "((?:\d\d)?\d\d)$ws_re$holder_re";
    if (/^G$stmt_remainder_re/)
    {
        $stmt_re =
            quotemeta($leading) . "($copyright_re$stmt_remainder_re)";
        last;
    }
}

```

```

    }
  }
if (defined $stmt_re)
{
  /$stmt_re/ or die; # Should never die.
  my $stmt = $1;
  my $final_year_orig = $2;

  # Handle two-digit year numbers like "98" and "99".
  my $final_year = $final_year_orig;
  $final_year <= 99
  and $final_year += 1900;

  if ($final_year != $this_year)
  {
    # Update the year.
    $stmt =~ s/$final_year_orig/$final_year, $this_year/;
  }
  if ($final_year != $this_year || $ENV{'UPDATE_COPYRIGHT_FORCE'})
  {
    # Normalize all whitespace including newline-prefix sequences.
    $stmt =~ s/$ws_re/ /g;

    # Put spaces after commas.
    $stmt =~ s/, ?/, /g;

    # Convert 2-digit to 4-digit years.
    $stmt =~ s/(\b\d\d\b)/19$1/g;

    # Make the use of intervals consistent.
    if (!$ENV{'UPDATE_COPYRIGHT_USE_INTERVALS'})
    {
      $stmt =~ s/(\d{4})-(\d{4})/join(' ', $1..$2)/eg;
    }
    else
    {
      $stmt =~
      s/
      (\d{4})
      (?
      (\|-)
      ((?){
        if ($2 eq '-') { '\d{4}'; }
        elsif (!$3)    { $1 + 1; }
        else           { $3 + 1; }
      })))
      )+
      /$1-$3/gx;

```

```

}

# Format within margin.
my $stmt_wrapped;
my $text_margin = $margin - length($prefix);
if ($prefix =~ /^(t+)/)
{
    $text_margin -= length($1) * ($tab_width - 1);
}
while (length $stmt)
{
    if (($stmt =~ s/^(.{1,$text_margin})(?:|$)/)
        || ($stmt =~ s/^([\S]+)(?:|$)/))
    {
        my $line = $1;
        $stmt_wrapped .= $stmt_wrapped ? "$eol$prefix" : $leading;
        $stmt_wrapped .= $line;
    }
    else
    {
        # Should be unreachable, but we don't want an infinite
        # loop if it can be reached.
        die;
    }
}

# Replace the old copyright statement.
s/$stmt_re/$stmt_wrapped/;
}
}
else
{
    print STDERR "$ARGV: warning: FSF copyright statement not found\n";
}
}

```

```

# Local variables:
# mode: perl
# indent-tabs-mode: nil
# eval: (add-hook 'write-file-hooks 'time-stamp)
# time-stamp-start: "my $VERSION = "
# time-stamp-format: "%:y-%02m-%02d.%02H:%02M"
# time-stamp-time-zone: "UTC"
# time-stamp-end: "; # UTC"
# End:
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Version 2.1, February 1999

```

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1.508 libterm-readkey-perl 2.30-4

1.509 libterm-readline-perl-perl 1.0303-1

1.509.1 Available under license :

Format-Specification:

<http://wiki.debian.org/Proposals/CopyrightFormat?action=recall&rev=196>

Upstream-Maintainer: Ilya Zakharevich <cpan@ilyaz.org>

Upstream-Source: <http://search.cpan.org/dist/Term-ReadLine-Perl/>

Upstream-Name: Term-ReadLine-Perl

Files: *

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Files: debian/*

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2006, Krzysztof Krzyzaniak (eloy) <eloy@debian.org>

2006, Niko Tyni <ntyni@iki.fi>

2005-2006, Gunnar Wolf <gwolf@debian.org>

2002, Joerg Jaspert <joerg@debian.org>

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1.510 libtext-charwidth-perl 0.04-6

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Thu, 19 Jun 2003 17:48:05 +0900.

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Upstream Author: Tomohiro KUBOTA <kubota@debian.org>

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1.513 libtext-wrapi18n-perl 0.06-7

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1.514 libthai 0.1.9-4+lenny1

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Version 2.1, February 1999

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Use a suitable shared library mechanism for linking with the

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.515 libthai 0.1.12 :3.el6

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1.516 libtiff 3.9.4 :10.el6_5

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1.517 libtime-date-perl 1.2000-1

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1.518 libtool 2.2.6 :15.5.e16

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1.519 libtool - ltdl lib 2.2.6 :15.5.el6

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1.520 libtry-tiny-perl 0.04-1

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1.521 libudev 147 :2.63.el6

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1.522 liburi-perl 1.54-2

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1.523 libusb 2:0.1.12-16

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1.524 libusb 0.1.12 :23.e16

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the

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(For example, a function in a library to compute square roots has

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
```

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```

```
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1.532 libuuid-perl 0.02-4

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```
Format-Specification: http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135
Maintainer: Peter Braam <braam@clusterfs.com>
Source: http://search.cpan.org/dist/UUID/
Name: UUID
```

```
Copyright: 2001, Peter Braam <braam@clusterfs.com>
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X-Comment:
Date: Thu, 04 Jan 2007 15:09:45 -0700
From: Peter Braam <braam@clusterfs.com>
To: Clint Adams <schizo@debian.org>
```

Subject: Re: UUID license

.

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.

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- Peter -

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1.533 libwww-mechanize-perl 1.64-1

1.533.1 Available under license :

Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Jesse Vincent <jesse@bestpractical.com>

Source: <http://search.cpan.org/dist/WWW-Mechanize/>

Name: WWW-Mechanize

Files: *

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1.534 libwww-perl 5.836-1

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Maintainer: Gisle Aas <gisle@activestate.com>

Source: <http://search.cpan.org/dist/libwww-perl/>

Name: libwww-perl

Files: *

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2008, gregor herrmann <gregoa@debian.org>

2009-2010, Jonathan Yu <jawnsy@cpan.org>

2009, Antonio Radici <antonio@dyne.org>

2009, Iulian Udrea <iulian@ubuntu.com>

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1.535 libwww-robotrules-perl 6.01 :1

1.535.1 Available under license :

Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Maintainer: Gisle Aas <gisle@activestate.com>

Source: <http://search.cpan.org/dist/WWW-RobotRules/>

Name: WWW-RobotRules

Files: *

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1.537 libx11 2:1.1.5-2

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1.538 libXau 1.0.6 :4.el6

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1.539 libxau 1:1.0.6-1

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1.540 libxaw 2:1.0.7-1

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1.541 libxcb 1.9.1 :2.el6

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1.542 libxcb 1.6-1

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1.543 libxcomposite 1:0.4.2-1

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1.544 libXcomposite 0.4.3 :4.e16

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1.545 libxcursor 1:1.1.10-2

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1.546 libXcursor 1.1.14 :2.1.e16

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1.547 libXdamage 1.1.3 :4.e16

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1.549 libxdmcp 1:1.0.3-2

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1.551 libxext 2:1.1.2-1

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1.552 libXfixes 5.0.1 :2.1.el6

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1.553 libxfixes 1:4.0.5-1

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1.554 libxfont1 1:1.4.5-4

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written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.

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1.556 libxi 2:1.1.4-1

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1.558 libXinerama 1.1.3 :2.1.e16

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1.561 libxml-libxml-perl 1.70.ds-1

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1.563 libxml-parser-perl 2.36-1.1+b1

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The documentation for this extension can be found in pod format at the end of the files Parser.pm and Expat/Expat.pm. The perldoc program, provided with the perl distribution, can be used to view this documentation.

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1.564 libxml-sax-base-perl 1.07 :2011-09-10

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Maintainer: Grant McLean <grantm@cpan.org>

Source: <http://search.cpan.org/dist/XML-SAX-Base/>

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1.565 libxml-sax-perl 0.96+dfsg-2

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1.566 libxml-simple-perl 2.18-3

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Upstream-Contact: Grant McLean <grantm@cpan.org>

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1.567 libxml-twig-perl 1:3.34-1

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1.568 libxml-xpath-perl 1.13-7

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 * transformations
 *
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1.585 libxtst 2:1.1.0-3

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1.586 libxv 2:1.0.5-1

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1.589 lighttpd 1.4.28-2+squeeze1.2

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1.590 lilo 1:22.8-10

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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for the nxt2002 frontend driver

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for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a
line to the DVB mailing list)

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```

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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Ty Coon, President of Vice
```

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

* <http://www.hypermall.com/>

* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY

* interrupts us (except possibly for removal/insertion of the cable?)

* 10/4/97 - began heavy inline documentation of the code. Corrected typos

* and spelling mistakes.

* 10/5/97 - added code to handle PHY interrupts, disable PHY on

* loss of link, and correctly re-enable PHY when link is

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*

* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

* see `init_nicstar()` for PHY initialization to change this. This driver

* expects the Linux ATM stack to support scatter-gather lists

```

* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*    combined, allow nicstar_free_rx_skb to be called to
*    recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*/

```

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1.594 live-boot 3.0.1-1

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Upstream-Name: live-boot

Upstream-Contact: Debian Live Project <debian-live@lists.debian.org>

Source: <http://live.debian.net/archive/packages/live-boot/>

Files: *

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1.595 live-config 3.0.23-1

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Upstream-Contact: John Doe <john@example.org>

Source: <http://www.example.org/foobar/>

Comment:

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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1.604 Isb 3.2-23.2squeeze1

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1.605 Isof 4.82 :4.e16

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Isof

Upstream-Contact: <https://lists.rcac.purdue.edu/listinfo/Isof-1>

Source: <ftp://Isof.itap.purdue.edu/pub/tools/unix/Isof/>

Comment: The following changes were made to the upstream tarball:

- 1.) The directory dialects/uw was removed for being non-DFSG and not needed in Debian.
- 2.) The main source was a tarball within a tarball. Only the innermost tarball has been retained.
- 3.) The top-level directory has been stripped away as it embedded the version number making packaging more difficult.

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1.607 Isof_soft_res_script 4.82 :2.el6

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```
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```
#!/usr/bin/perl
```

```
# sort_res.perl5 - Script to group & sort lsof output by resource
```

```
#
```

```
# Copyright (c) 2004, 2005 - Fabian Frederick <fabian.frederick@gmx.fr>
```

```
#
```

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```
#
```

```
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```

```
#
```

```
# Note :
```

```
# -This script uses lsof released by Victor A. Abell  
# -lsof path recovery comes from standard perl scripts in there.
```

```
#
```

```
# Usage :
```

```
# perl sort_res.perl5 -> display used resources + size  
# or perl sort_res.perl5 <program name>
```

```
#
```

```
# 12/2005 (FabF)
```

```
# -size reset in loop (script was broken in 4.76)
```

```
# -isexec looking in .. (like other scripts)
```

```
# -display for one or all processes
```


-removing unuseful line number arg.
-display global
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
This program is free software: you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation, either version 3 of the License, or  
(at your option) any later version.
```

```
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```

```
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```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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1.617 make 3.81 :20.el6

1.617.1 Available under license :

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Version 2, June 1991

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```
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```
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<signature of Ty Coon>, 1 April 1989

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Version 2, June 1991

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(For example, a function in a library to compute square roots has

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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1.619 makedev 2.3.1-89

1.620 mawk 1.3.3-15

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Version 3, 29 June 2007

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<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
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```

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```
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```

<signature of Ty Coon>, 1 April 1989
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1.632 mongoose web server 2.9

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1.633 mpplib 0.9-4

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1.634 mpfr4 3.1.0-5

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1.635 mt-st 1.1 :5.e16

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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```


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```
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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.636 mtdev 1.1.2-1

1.636.1 Available under license :

This package was debianized by Chase Douglas <chase.douglas@ubuntu.com>

Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=REVISION>

Name: mtdev

Maintainer: Henrik Rydberg <rydberg@euromail.se>

Source: <http://bitmath.org/code/mtdev/>

Files: *

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mtdev - Multitouch Protocol Translation Library (MIT license)

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1.637 MultipartRequest 1.30 :rc1

1.637.1 Available under license :

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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1.638 mysql 5.1.73 :3.el6_5

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```
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under certain conditions; type 'show c' for details.
```

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```
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'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
http://www.mysql.com/about/legal/licensing/foss-exception/
```

```
/*
```

```
This library has been modified for use by the MySQL Archive Engine.
```

```
-Brian Aker
```

```
*/
```

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005
```

```
Copyright (C) 1995-2005 Jean-loup Gailly and Mark Adler
```

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

*/

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1.643 ndisc6 0.7.1 :1.e15.rf

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```

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1.644 ndisc6 1.0.1 :1.e16

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<one line to give the program's name and a brief idea of what it does.>  
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```

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If the program is interactive, make it output a short notice like this

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under certain conditions; type `show c' for details.
```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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<one line to give the library's name and a brief idea of what it does.>

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If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.647 Net SNMP 5.0.9

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1.648 net-snmp 5.4.3~dfsg-2

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```
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```

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1.652 netbase 4.45

1.652.1 Available under license :

This package was created by Peter Tobias tobias@et-inf.fho-empden.de on Wed, 24 Aug 1994 21:33:28 +0200 and maintained by Anthony Towns ajt@debian.org until 2001.

It is currently maintained by Marco d'Itri md@linux.it.

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1.653 netperf 2.4.4-6.1

1.653.1 Available under license :

This package was debianized by Erik Wenzel erik@debian.org on Wed, 30 Jan 2002 10:15:17 +0200

It was downloaded from:

<ftp://ftp.netperf.org/netperf>

Upstream Authors:

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Rick Jones raj@cup.hp.com

Responsible for initial packaging and release of netperf and "editorial" continuity for subsequent releases.

Karen Choy

Code to allow netserver to run as a standalone daemon.

Dave Shield <daves@csc.liv.ac.uk>

Wrote the first revision of the netperf and netserver manpages.

Sarr Blumson <sarr@citi.umich.edu>

Fixes for AIX 3.1 and 3.2. Also fixes for Solaris 2.1 without realizing it ;-)

Jeff Smits <jgs@usl.com>

Fixes for TCP_RR and UDP_RR on systems with an htonl that is not a no-op.

Warren Burnett <somewhere in Kansas>

Example code for DLPI tests.

Several Folks

Code to tell SunOS 4 to *not* restart system calls on receipt of a signal.

Fore Systems Inc.

Manpages for the FORE API and question answering

David Channin

Access to systems running the Fore ATM API

Jonathan Stone <jonathan@DSG.Stanford.EDU>

Include file fixes for Ultrix

Bruce Barnett <barnett@grymoire.crd.ge.com>

Bunches of warnings fixes and lint picks for Solaris 2.3

Herman Dierks et al <dierks@austin.ibm.com>

Code to calculate confidence intervals for tests

Hal Murray <murray@pa.dec.com>

Helpful suggestions for the scripts to make them more compatible with the netperf database (<http://www.cup.hp.com/netperf/NetperfPage.html>).

His prompting finally got me off my whatever to put the confidence interval stuff from the guys at IBM into netperf

Peter Skopp pds@cs.columbia.edu

Fixes to make netperf more secure.

Tom Wilson <tcwilson@newbridge.com>

A fix to send_udp_rr to correct bogus throughput values.

Thorsten Lockert <tholo@tetherless.com>

A bunch of clean-up for the *BSD OSes

Serge Pachkovsky <ps@ocisgi7.unizh.ch>

Code for low-priority soaker process for AIX and SGI

The fine folks at Adaptec

The initial port of netperf (1.9PL4) to Windows NT 3.51.

Robin Callender <robin_callender@VNET.IBM.COM>

The PPC binaries for the 1.9PL4 port of netperf to NT and for assorted code clean-ups and help with CPU utilization measurements.

"Todd J. Derr" <tjd@fore.com>

For offering to take-on support of the Fore ATM API files with 2.1 and for his help in making the tar files and such more user-friendly

Michael Shuldman <michaels@inet.no>

Improvements to the makefile and additional checks for OpenBSD

Kris Corwin

discovery of a debug statement outside of if (debug) that may have been the cause of all the nasty connection refused errors in random UDP_RR tests...

Charles Harris

Initial prototype of the TCP_SENDFILE test support

Philip Pishioneri of Cornel

Conversion of the netperf.ps manul to PDF format.

The Hewlett-Packard OpenVMS folks

Assistance with the port to OpenVMS

Munehika SUMIKAWA @ KAME Project / FreeBSD.org

IPv6 fixes

Jan Iven of CERN

initial mods for sendfile() under Linux

Fabrice Bacchella

for pointing-out that Solaris 9 has a copy of Linux sendfile()

Andrew Gallatin

for assistance with the FreeBSD sysctl() stuff, and later making it calibration-free

Mark Cooper

pointing-out the need for -lresolv when compiling -DDO_DNS on RedHat

7.1

Carl Mascott

finding some cut-and-paste errors in create_data_socket error logging

Fabrice Bacchella

Fixes for -DHISTOGRAM and -DUNIX on Mac OS X, updates to usage strings

Spencer Frink

Fixes and Cleanup for WIN32. Many over many years.

Nicholas Thomas

Fixes for DLPI on SVR4 Streams under Linux

Dave Craig

Fixes for getaddrinfo error returns

David Mosberger of HP

Workaround for the Linux getsockopt() bug that returns more than that for which one asked.

Stephen Burger of HP

Code to implement the netserver CPU binding.

Vladislav "Vlad" Yasevich of HP

Initial SCTP tests. Enhancements to the configure.ac sources to show the way to make many of the LIBS="foo" before ./configure unnecessary.

Padmanabhan "Paddu" S N of HP

Patches for /proc/stat CPU util and recv_tcp_rr.

Cary Coutant and other hp-mac-users of HP

Access to Mac OS X systems for porting netperf 2.4.0

Chris Bertin of HP

Access to AIX for initial porting of netperf 2.4.0

James Carlson

Assistance finding the right magic to compile SCTP on Solaris 10.

Gavin

Pointers on Solaris 10 Microstate accounting.

Brent Draney

Getting netcpu_perfstat.c in running order on AIX and other misc fixups in places such as BSD.

Samuel Ying

Change struct sockaddr to struct sockaddr storage in netserver.c

Rodolpho Boer

Fix for default message size in UDP_STREAM when default SO_SNDBUF size is > max UDP datagram size.

Michael Dorff

Getting netperf/netserver to compile under Windows with MS Visual Studio 2003

George Davis

Changes to deal with different floating-point formats.

Anonymous

Changes to retrieve CPU util on MacOS X.

Dickon Reed

Patches to attend to some windows in TCP_CRR and TCP_CC under Windows

Bret McKee <bret@hp.com>

Fixes to get netcpu_looper compiling and working after the "netcpu" split

Hans Blom

Improvements to closing/redirecting stdin/stdout/stderr in netserver

Martin Brown

RPM support in the form of netperf.spec.in and related configure.ac etc changes

Shilpi Agarwal

Changes to allow UDP_STREAM to use connected sockets on both sides.

Steve Reinhardt <stever@eecs.umich.edu>

Fixes for buffer filling.

Gisle Vanem

Fixes for Windows compilation under MingW/gcc.

Scott Weitzenkamp

Patches to enable demo mode in the UDP_STREAM test

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That's all there is to it!

This is the Debian version of the newt library.

newt was written by Erik Troan <ewt@redhat.com>.

The original package was put together by Enrique Zanardi

<ezanard@debian.org>, from sources obtained from:

<ftp://ftp.redhat.com/pub/redhat/redhat-7.0-en/os/i386/SRPMS/newt-0.50.17-1.src.rpm>

Recent upstream versions can be found at: <http://fedora.redhat.com/>

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1.655 newt 0.52.11 :3.e16

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Version 2, June 1991

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1.656 nspr 4.10.6 :1.el6_5

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```
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```

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```
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```

```
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```

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3. [3]Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
4. [4]Viraj Bais <vbais@mailman1.intel.com> and [5]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
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33. [36]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
34. [37]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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36. [39]David L. Mills <mills@udel.edu> Version 4 foundation: clock

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45. [49]Wilfredo Snchez <wsanchez@apple.com> added support for
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46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of
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48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
49. [53]Michael Shields <shields@tembel.org> USNO clock driver
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27. Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
28. George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
29. Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
30. Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
31. Danny Mayer <mayer@ntp.org> Network I/O, Windows Port, Code Maintenance
32. David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
33. Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
34. Jeffrey Mogul <mogul@pa.dec.com> ntprtrace utility
35. Tom Moore <tmoore@fivel.daytonoh.ncr.com> i386 svr4 port
36. Kamal A Mostafa <kamal@whence.com> SCO OpenServer port

37. Derek Mulcahy <derek@toybox.demon.co.uk> and Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
38. Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
39. Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
40. Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
41. Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
42. Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
43. Ray Schnitzler <schnitz@unipress.com> Unixware1 port
44. Michael Shields <shields@tembel.org> USNO clock driver
45. Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
46. Harlan Stenn <harlan@pfc.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
47. Kenneth Stone <ken@sdd.hp.com> HP-UX port
48. Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
49. Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
50. Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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orm-xsd.rsrc - included in the openjpa jar, taken from:
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orm_2_0-xsd.rsrc - included in the openjpa jar, taken from:

http://java.sun.com/xml/ns/persistence/orm_2_0.xsd)
persistence-xsd.rsrc - included in the openjpa jar, taken from:
http://java.sun.com/xml/ns/persistence/persistence_1_0.xsd)
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http://java.sun.com/xml/ns/persistence/persistence_2_0.xsd)
websphere-uow-api.jar - this jar file contains WebSphere proprietary
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1.673 openldap 2.4.23-7.2

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1.675 openldap/nss-pam-ldapd 2.4.23

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/*

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1.676 opensaml 2.5.3

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1.677 openssh 5.3p1 :84.1.el6

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**

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**

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Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLey 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D_ANSI_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
|------|----------|----------|-----------|------------|------------|
| md2 | 130.99k | 367.68k | 499.09k | 547.04k | 566.50k |
| md5 | 1924.98k | 8293.50k | 13464.41k | 16010.39k | 16820.68k |
| sha | 1250.75k | 5330.43k | 8636.88k | 10227.36k | 10779.14k |


```

sha1      1071.55k  4572.50k  7459.98k  8791.96k  9341.61k
rc4       10724.22k 14546.25k 15240.18k 15259.50k 15265.63k
des cbc   3309.11k  3883.01k  3968.25k  3971.86k  3979.14k
des ede3  1442.98k  1548.33k  1562.48k  1562.00k  1563.33k
idea cbc  2195.69k  2506.39k  2529.59k  2545.66k  2546.54k
rc2 cbc   806.00k   833.52k  837.58k  838.52k  836.69k
blowfish cbc 4687.34k 5949.97k 6182.43k 6248.11k 6226.09k
rsa 512 bits 0.010s
rsa 1024 bits 0.045s
rsa 2048 bits 0.260s
rsa 4096 bits 1.690s
Motorolla 68020 20mhz, NetBSD

```

SSLLeay 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

```

type      8 bytes  64 bytes  256 bytes 1024 bytes 8192 bytes
md2       2176.00  5994.67  8079.73  8845.18  9077.01
mdc2     5730.67  6122.67  6167.66  6176.51  6174.87
md5       29.10k   127.31k  209.66k  250.50k  263.99k
hmac(md5) 12.33k   73.02k  160.17k  228.04k  261.15k
sha1     11.27k   49.37k  84.31k  102.40k  109.23k
rmd160   11.69k   48.62k  78.76k  93.15k  98.41k
rc4      117.96k  148.94k  152.57k  153.09k  152.92k
des cbc  27.13k   30.06k  30.38k  30.38k  30.53k
des ede3 10.51k   10.94k  11.01k  11.01k  11.01k
idea cbc 26.74k   29.23k  29.45k  29.60k  29.74k
rc2 cbc  34.27k   39.39k  40.03k  40.07k  40.16k
rc5-32/12 cbc 64.31k  83.18k  85.70k  86.70k  87.09k
blowfish cbc 48.86k   59.18k  60.07k  60.42k  60.78k
cast cbc 42.67k   50.01k  50.86k  51.20k  51.37k

```

sign verify sign/s verify/s

```
rsa 512 bits 0.7738s 0.0774s 1.3 12.9
```

```
rsa 1024 bits 4.3967s 0.2615s 0.2 3.8
```

```
rsa 2048 bits 29.5200s 0.9664s 0.0 1.0
```

sign verify sign/s verify/s

```
dsa 512 bits 0.7862s 0.9709s 1.3 1.0
```

```
dsa 1024 bits 2.5375s 3.1625s 0.4 0.3
```

```
dsa 2048 bits 9.2150s 11.8200s 0.1 0.1
```

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 */

Pentium Pro 200mhz
 FreeBSD 2.1.5
 gcc 2.7.2.2

SSLey 0.7.0 30-Jan-1997
 built on Tue Apr 22 12:14:36 EST 1997
 options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)
 C flags:gcc -DTERMIOS -D_ANSI_SOURCE -fomit-frame-pointer -O3 -m486 -Wall
 The 'numbers' are in 1000s of bytes per second processed.

| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
|---------------|-----------|-----------|-----------|------------|------------|
| md2 | 130.99k | 367.68k | 499.09k | 547.04k | 566.50k |
| md5 | 1924.98k | 8293.50k | 13464.41k | 16010.39k | 16820.68k |
| sha | 1250.75k | 5330.43k | 8636.88k | 10227.36k | 10779.14k |
| sha1 | 1071.55k | 4572.50k | 7459.98k | 8791.96k | 9341.61k |
| rc4 | 10724.22k | 14546.25k | 15240.18k | 15259.50k | 15265.63k |
| des cbc | 3309.11k | 3883.01k | 3968.25k | 3971.86k | 3979.14k |
| des ede3 | 1442.98k | 1548.33k | 1562.48k | 1562.00k | 1563.33k |
| idea cbc | 2195.69k | 2506.39k | 2529.59k | 2545.66k | 2546.54k |
| rc2 cbc | 806.00k | 833.52k | 837.58k | 838.52k | 836.69k |
| blowfish cbc | 4687.34k | 5949.97k | 6182.43k | 6248.11k | 6226.09k |
| rsa 512 bits | 0.010s | | | | |
| rsa 1024 bits | 0.045s | | | | |
| rsa 2048 bits | 0.260s | | | | |
| rsa 4096 bits | 1.690s | | | | |

Motorolla 68020 20mhz, NetBSD

SSLey 0.9.0t 29-May-1998
 built on Fri Jun 5 12:42:23 EST 1998
 options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags: gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
|---------------|----------|----------|-----------|------------|------------|
| md2 | 2176.00 | 5994.67 | 8079.73 | 8845.18 | 9077.01 |
| mdc2 | 5730.67 | 6122.67 | 6167.66 | 6176.51 | 6174.87 |
| md5 | 29.10k | 127.31k | 209.66k | 250.50k | 263.99k |
| hmac(md5) | 12.33k | 73.02k | 160.17k | 228.04k | 261.15k |
| sha1 | 11.27k | 49.37k | 84.31k | 102.40k | 109.23k |
| rmd160 | 11.69k | 48.62k | 78.76k | 93.15k | 98.41k |
| rc4 | 117.96k | 148.94k | 152.57k | 153.09k | 152.92k |
| des cbc | 27.13k | 30.06k | 30.38k | 30.38k | 30.53k |
| des ede3 | 10.51k | 10.94k | 11.01k | 11.01k | 11.01k |
| idea cbc | 26.74k | 29.23k | 29.45k | 29.60k | 29.74k |
| rc2 cbc | 34.27k | 39.39k | 40.03k | 40.07k | 40.16k |
| rc5-32/12 cbc | 64.31k | 83.18k | 85.70k | 86.70k | 87.09k |
| blowfish cbc | 48.86k | 59.18k | 60.07k | 60.42k | 60.78k |
| cast cbc | 42.67k | 50.01k | 50.86k | 51.20k | 51.37k |
| | sign | verify | sign/s | verify/s | |
| rsa 512 bits | 0.7738s | 0.0774s | 1.3 | 12.9 | |
| rsa 1024 bits | 4.3967s | 0.2615s | 0.2 | 3.8 | |
| rsa 2048 bits | 29.5200s | 0.9664s | 0.0 | 1.0 | |
| | sign | verify | sign/s | verify/s | |
| dsa 512 bits | 0.7862s | 0.9709s | 1.3 | 1.0 | |
| dsa 1024 bits | 2.5375s | 3.1625s | 0.4 | 0.3 | |
| dsa 2048 bits | 9.2150s | 11.8200s | 0.1 | 0.1 | |

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Motorolla 68020 20mhz, NetBSD

SSLey 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
|---------------|---------|----------|-----------|------------|------------|
| md2 | 2176.00 | 5994.67 | 8079.73 | 8845.18 | 9077.01 |
| mdc2 | 5730.67 | 6122.67 | 6167.66 | 6176.51 | 6174.87 |
| md5 | 29.10k | 127.31k | 209.66k | 250.50k | 263.99k |
| hmac(md5) | 12.33k | 73.02k | 160.17k | 228.04k | 261.15k |
| sha1 | 11.27k | 49.37k | 84.31k | 102.40k | 109.23k |
| rmd160 | 11.69k | 48.62k | 78.76k | 93.15k | 98.41k |
| rc4 | 117.96k | 148.94k | 152.57k | 153.09k | 152.92k |
| des cbc | 27.13k | 30.06k | 30.38k | 30.38k | 30.53k |
| des ede3 | 10.51k | 10.94k | 11.01k | 11.01k | 11.01k |
| idea cbc | 26.74k | 29.23k | 29.45k | 29.60k | 29.74k |
| rc2 cbc | 34.27k | 39.39k | 40.03k | 40.07k | 40.16k |
| rc5-32/12 cbc | 64.31k | 83.18k | 85.70k | 86.70k | 87.09k |
| blowfish cbc | 48.86k | 59.18k | 60.07k | 60.42k | 60.78k |
| cast cbc | 42.67k | 50.01k | 50.86k | 51.20k | 51.37k |

sign verify sign/s verify/s

| | | | | |
|---------------|----------|---------|-----|------|
| rsa 512 bits | 0.7738s | 0.0774s | 1.3 | 12.9 |
| rsa 1024 bits | 4.3967s | 0.2615s | 0.2 | 3.8 |
| rsa 2048 bits | 29.5200s | 0.9664s | 0.0 | 1.0 |

sign verify sign/s verify/s

| | | | | |
|---------------|---------|----------|-----|-----|
| dsa 512 bits | 0.7862s | 0.9709s | 1.3 | 1.0 |
| dsa 1024 bits | 2.5375s | 3.1625s | 0.4 | 0.3 |
| dsa 2048 bits | 9.2150s | 11.8200s | 0.1 | 0.1 |

Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLey 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)
C flags:gcc -DTERMIOS -D_ANSI_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
|---------------|-----------|-----------|-----------|------------|------------|
| md2 | 130.99k | 367.68k | 499.09k | 547.04k | 566.50k |
| md5 | 1924.98k | 8293.50k | 13464.41k | 16010.39k | 16820.68k |
| sha | 1250.75k | 5330.43k | 8636.88k | 10227.36k | 10779.14k |
| sha1 | 1071.55k | 4572.50k | 7459.98k | 8791.96k | 9341.61k |
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| rc2 cbc | 806.00k | 833.52k | 837.58k | 838.52k | 836.69k |
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| rsa 512 bits | 0.010s | | | | |
| rsa 1024 bits | 0.045s | | | | |
| rsa 2048 bits | 0.260s | | | | |
| rsa 4096 bits | 1.690s | | | | |

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1.687 OpenSSL 1.0.1g

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1.688 openssl 0.9.8o-4squeeze14

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Motorolla 68020 20mhz, NetBSD

SSLey 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
|------|---------|----------|-----------|------------|------------|
| md2 | 2176.00 | 5994.67 | 8079.73 | 8845.18 | 9077.01 |
| mdc2 | 5730.67 | 6122.67 | 6167.66 | 6176.51 | 6174.87 |
| md5 | 29.10k | 127.31k | 209.66k | 250.50k | 263.99k |

| | | | | | |
|---------------|---------|---------|---------|---------|---------|
| hmac(md5) | 12.33k | 73.02k | 160.17k | 228.04k | 261.15k |
| sha1 | 11.27k | 49.37k | 84.31k | 102.40k | 109.23k |
| rmd160 | 11.69k | 48.62k | 78.76k | 93.15k | 98.41k |
| rc4 | 117.96k | 148.94k | 152.57k | 153.09k | 152.92k |
| des cbc | 27.13k | 30.06k | 30.38k | 30.38k | 30.53k |
| des ede3 | 10.51k | 10.94k | 11.01k | 11.01k | 11.01k |
| idea cbc | 26.74k | 29.23k | 29.45k | 29.60k | 29.74k |
| rc2 cbc | 34.27k | 39.39k | 40.03k | 40.07k | 40.16k |
| rc5-32/12 cbc | 64.31k | 83.18k | 85.70k | 86.70k | 87.09k |
| blowfish cbc | 48.86k | 59.18k | 60.07k | 60.42k | 60.78k |
| cast cbc | 42.67k | 50.01k | 50.86k | 51.20k | 51.37k |

sign verify sign/s verify/s

| | | | | |
|---------------|----------|---------|-----|------|
| rsa 512 bits | 0.7738s | 0.0774s | 1.3 | 12.9 |
| rsa 1024 bits | 4.3967s | 0.2615s | 0.2 | 3.8 |
| rsa 2048 bits | 29.5200s | 0.9664s | 0.0 | 1.0 |

sign verify sign/s verify/s

| | | | | |
|---------------|---------|----------|-----|-----|
| dsa 512 bits | 0.7862s | 0.9709s | 1.3 | 1.0 |
| dsa 1024 bits | 2.5375s | 3.1625s | 0.4 | 0.3 |
| dsa 2048 bits | 9.2150s | 11.8200s | 0.1 | 0.1 |

Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLeay 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D_ANSI_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

| | | | | | |
|---------------|-----------|-----------|-----------|------------|------------|
| type | 8 bytes | 64 bytes | 256 bytes | 1024 bytes | 8192 bytes |
| md2 | 130.99k | 367.68k | 499.09k | 547.04k | 566.50k |
| md5 | 1924.98k | 8293.50k | 13464.41k | 16010.39k | 16820.68k |
| sha | 1250.75k | 5330.43k | 8636.88k | 10227.36k | 10779.14k |
| sha1 | 1071.55k | 4572.50k | 7459.98k | 8791.96k | 9341.61k |
| rc4 | 10724.22k | 14546.25k | 15240.18k | 15259.50k | 15265.63k |
| des cbc | 3309.11k | 3883.01k | 3968.25k | 3971.86k | 3979.14k |
| des ede3 | 1442.98k | 1548.33k | 1562.48k | 1562.00k | 1563.33k |
| idea cbc | 2195.69k | 2506.39k | 2529.59k | 2545.66k | 2546.54k |
| rc2 cbc | 806.00k | 833.52k | 837.58k | 838.52k | 836.69k |
| blowfish cbc | 4687.34k | 5949.97k | 6182.43k | 6248.11k | 6226.09k |
| rsa 512 bits | 0.010s | | | | |
| rsa 1024 bits | 0.045s | | | | |
| rsa 2048 bits | 0.260s | | | | |
| rsa 4096 bits | 1.690s | | | | |

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1.689 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0

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```

/* crypto/aes/aes_wrap.c */
/* Written by Dr Stephen N Henson (steve@openssl.org) for the OpenSSL
 * project.
 * Modified by Attaullah Baig (abaig@paypal.com) to wrap/unwrap any
 * size keys (Implemented RFC5649)
 */
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1.690 openssl-blacklist 0.5-2

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1.692 openswan 2.6.32 :37.el6

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linux/net/ipsec/infutil.h, linux/net/ipsec/inflate.c,
linux/net/ipsec/infcodes.c, linux/net/ipsec/infcodes.h,
linux/net/ipsec/deflate.c, linux/net/ipsec/deflate.h,
linux/net/ipsec/trees.c, linux/net/ipsec/infblock.c,
linux/net/ipsec/inffast.c, linux/net/ipsec/infblock.h,

linux/net/ipsec/inffast.h, linux/net/ipsec/inftrees.c,
linux/net/ipsec/inftrees.h, linux/net/ipsec/adler32.c
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* include/arpa/nameser.h, lib/libdns/*, lib/libisc/*, lib/liblwres/*
(except lib/liblwres/include/lwres/async.h)

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* lib/liblwres/async.c, lib/liblwres/include/lwres/async.h

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lib/liblwres/herror.c, lib/liblwres/lwinetaton.c,
linux/include/openswan/radij.h, linux/net/ipsec/radij.c,
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* lib/libdns/dst_internal.h
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* lib/libisc/inet_aton.c, lib/liblwres/lwinetaton.c

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* include/libbsdkey/libpfkey.h, lib/libbsdkey/*, lib/liblwres/getnameinfo.c

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* lib/libcrypto/libdes/speed.c, lib/libcrypto/libdes/fcrypt_b.c,
lib/libcrypto/libdes/destest.c, lib/libcrypto/libblowfish/bf_key.c,
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lib/libcrypto/libblowfish/bf_locl.h, lib/libcrypto/libblowfish/bf_enc.c,
linux/include/des/*, linux/include/klips-crypto/des.h,
linux/net/ipsec/des/cbc_enc.c, linux/net/ipsec/des/des_enc.c,
linux/net/ipsec/des/des_opts.c, linux/net/ipsec/des/ecb_enc.c,
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* include/crypto/cryptodev.h
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The author of this code is Angelos D. Keromytis (angelos@cis.upenn.edu)
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* lib/libcrypto/liboswcrypto/cryptodev.c

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The code was developed with source from the file: hw_cryptodev.c in the openssl package, and the file: ipsec_doi.c from the openswan package.

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* linux/include/openswan/pfkeyv2.h

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```
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```

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```
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Upstream-Name: p11-kit

Source: <http://p11-glue.freedesktop.org/p11-kit.html>

Files: *

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1.696 pam 1.0.1-5+lenny1

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1.697 pam 1.1.1 :20.el6

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```
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1.703 pango1.0 1.20.5-6

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1.704 paranamer 2.6

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1.706 patch 2.6 :6.e16

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1.708 pciutils 3.1.10 :4.e16

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1.709 pcre 5.0

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
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This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

1.713 perl 5.10.1-17squeeze5

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```

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```
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under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes
```

at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

That's all there is to it!

1.714 pflogsumm 1.1.1

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1.726 popt 1.16-1

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: popt

Upstream-Contact: Jeff Johnson <jbj@rpm5.org>

Source: <http://rpm5.org/files/popt/>

Comment:

popt was originally written by Erik Troan when he was with RedHat. It's now maintained as part of Fedora.

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1.728 portreserve 0.0.4 :9.el6

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1.729 postfix 2.6.6 :6.el6_5

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Included for the use of the `fix_strcasecmp.c` module which works around a Solaris problem.

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1.730 postgresql 9.1.4 :2012-06-04

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/* Skeleton implementation for Bison's Yacc-like parsers in C

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# entry.
#
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# config.sub. If it succeeds, it prints the system name on stdout, and
# exits with 0. Otherwise, it exits with 1.
#
# You can get the latest version of this script from:
# http://git.savannah.gnu.org/gitweb/?p=config.git;a=blob\_plain;f=config.guess;hb=HEAD
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*****/

/*

* FreeSec: libcrypt for NetBSD

*

* contrib/pgcrypto/crypt-des.c

*

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*

* Adapted for FreeBSD-2.0 by Geoffrey M. Rehmet

* this file should now *only* export crypt(), in order to make

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*

* Adapted for FreeBSD-4.0 by Mark R V Murray

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*

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* \$FreeBSD: src/secure/lib/libcrypt/crypt-des.c,v 1.12 1999/09/20 12:39:20 markm Exp \$

*

* This is an original implementation of the DES and the crypt(3) interfaces
* by David Burren <davidb@werj.com.au>.
*
* An excellent reference on the underlying algorithm (and related
* algorithms) is:
*
* B. Schneier, Applied Cryptography: protocols, algorithms,
* and source code in C, John Wiley & Sons, 1994.
*
* Note that in that book's description of DES the lookups for the initial,
* pbox, and final permutations are inverted (this has been brought to the
* attention of the author). A list of errata for this book has been
* posted to the sci.crypt newsgroup by the author and is available for FTP.
*
* ARCHITECTURE ASSUMPTIONS:
* It is assumed that the 8-byte arrays passed by reference can be
* addressed as arrays of uint32's (ie. the CPU is not picky about
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*/
/*
* mbuf.c
* Memory buffer operations.
*
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*
* contrib/pgcrypto/mbuf.c

```
*/
/* This is an independent implementation of the encryption algorithm: */
/*      */
/* RIJNDAEL by Joan Daemen and Vincent Rijmen */
/*      */
/* which is a candidate algorithm in the Advanced Encryption Standard */
/* programme of the US National Institute of Standards and Technology. */
/*      */
/* Copyright in this implementation is held by Dr B R Gladman but I */
/* hereby give permission for its free direct or derivative use subject */
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/* that the originators of the algorithm place on its exploitation. */
/*      */
/* Dr Brian Gladman (gladman@seven77.demon.co.uk) 14th January 1999 */
*
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*
* src/backend/utills/adt/inet_net_ntop.c
*/
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*
* src/port/snprintf.c
*/

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```
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```

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1.736 procps 1:3.2.8-9squeeze1

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
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- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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a storage or distribution medium does not bring the other work under the scope of this License.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be

linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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1.737 procps_libs 3.2.8 :21.e16

1.737.1 Available under license :

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Version 2, June 1991

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Preamble

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on

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Usage: \$progname [OPTION]... [MODE-ARG]...

```

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# Usage: $progname [OPTION]... [MODE-ARG]...
#

```

1.740 pth 2.0.7 :9.3.el6

1.740.1 Available under license :

```

-----
| _\|||_|_      ``Ian Fleming was a UNIX fan!
| |)|_|'_|\     How do I know? Well, James Bond
| _/|||_|_|    had the (license to kill) number 007,
| | \_|_|_|    i.e., he could execute anyone!"

```

GNU Pth - The GNU Portable Threads

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=====

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Appendix: How to Apply These Terms to Your New Programs

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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(at your option) any later version.
```

```
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```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.742 pygobject2 2.20.0 :5.el6

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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1.743 python 2.6.6 :52.e16

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|-------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |

| | | | | |
|----------------|-----------|-----------|------------|---------|
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |

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|-------|-------|-----------|-----|-----|
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
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1.745 python-decorator 3.0.1 :3.1.e16

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| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |

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| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
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| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
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```
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```

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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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1.749 python-suds 0.4.1 :3.el6

1.749.1 Available under license :

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Version 3, 29 June 2007

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1.750 python2.7 2.7.3-6+deb7u2

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A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the

software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |

| | | | | |
|-------|-------|------|-----|-----|
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7 | 2.6 | 2010 | PSF | yes |

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1.751 PyXML 0.8.4 :19.e16

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1.757 readline6 6.2+dfsg-0.1

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This is Debian GNU/Linux's prepackaged version of the FSF's GNU Readline library.

This package was put together by Matthias Klose <doko@debian.org>, derived from the bash package by Guy Maor <maor@debian.org>, from the GNU sources at

<ftp.gnu.org:/pub/gnu/readline/readline-6.0.tar.gz>.

Upstream Authors:

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Oliver Laumann (examples/rlfe)

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This package was put together by Matthias Klose <doko@debian.org>.

Upstream source:
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Author: Per Bothner

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```
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*/
```

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Version 3, 29 June 2007

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```
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```

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1.758 realpath 1.15

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1.759 reasteasy 3.0.5.Final

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```
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```

From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

```
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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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```
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```
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```

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* httpd@ncsa.uiuc.edu
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

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1.760 redhat-release-server 6Server

:6.6.0.2.el6

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6. 3 . Red Hat 3 . 3 . 3 <http://www.redhat.com/licenses/thirdparty/eula.html> . 3 , . 3 3 , 3 .

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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END OF TERMS AND CONDITIONS

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Ty Coon, President of Vice

That's all there is to it!

1.764 rsync 3.0.6 :12.el6

1.764.1 Available under license :

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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1.765 rsync 3.0.7-2

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This is Debian's prepackaged version of Andrew Tridgell and Paul Mackerras' rsync utility.

This package provides the rsync program, which is a replacement for rcp that uses the rsync algorithm to transfer only the differences between two sets of files.

This package was put together by Philip Hands <phil@hands.com>, from sources obtained from:
<http://rsync.samba.org/ftp/rsync/rsync-2.5.4.tar.gz>
The current version was downloaded from:
<http://rsync.samba.org/ftp/rsync/src/rsync-3.0.7.tar.gz>
on 2010-01-05 by Paul Slotman <paul@debian.org> .

The changes were very minimal - merely adding support for the Debian package maintenance scheme by adding various debian/* files.
The only significant change is passing the -4 / -6 options through to ssh.
See the debian/patches/ directory.

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1.770 saaj-api 1.3

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100. http://java.net/terms_of_use
101. <http://www.oracle.com/us/legal/privacy/index.html>
102. <http://java.net/projects/help/pages/ReleaseNotes>

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103. <http://java.net/mypage>

1.772 Saxon 8.7

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1.775 screen 4.0.3 :16.e16

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```
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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
```

Ty Coon, President of Vice

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1.776 sed 4.2.1-7

1.776.1 Available under license :

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Version 3, 29 June 2007

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```
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```

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1.785 setserial 2.17 :25.el6

1.785.1 Available under license :

```
#!/bin/sh
# Attempt to guess a canonical system name.
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#
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#
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# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.

# Written by Per Bothner <bothner@cygnus.com>.
# The master version of this file is at the FSF in /home/gd/gnu/lib.
#
# This script attempts to guess a canonical system name similar to
# config.sub. If it succeeds, it prints the system name on stdout, and
# exits with 0. Otherwise, it exits with 1.
#
# The plan is that this can be called by configure scripts if you
# don't specify an explicit system type (host/target name).
#
# Only a few systems have been added to this list; please add others
# (but try to keep the structure clean).
#
#!/bin/sh
#
# install - install a program, script, or datafile
# This comes from X11R5 (mit/util/scripts/install.sh).
#
# Copyright 1991 by the Massachusetts Institute of Technology
#
```

```
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```

```
#
```

```
# Calling this script install-sh is preferred over install.sh, to prevent
# 'make' implicit rules from creating a file called install from it
# when there is no Makefile.
```

```
#
```

```
# This script is compatible with the BSD install script, but was written
# from scratch.
```

```
#
```

```
/*
```

```
* include/linux/serial.h
```

```
*
```

```
* Copyright (C) 1992 by Theodore Ts'o.
```

```
*
```

```
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```

```
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```

```
*/
```

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Version 2, June 1991

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1.787 sg3-utils 1.29-1

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1.789 sgpio 1.2.0.10 :5.el6

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```

```
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1.790 shadow 1:4.1.4.2+svn3283-2+squeeze1

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1.796 slang2 2.2.2-4

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Upstream-Name: S-Lang

Upstream-Contact: John E. Davis <davis@space.mit.edu>

Source: <ftp://space.mit.edu/pub/davis/slang>

Comment:

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1.797 slf4j 1.6.1

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1.799 slf4j-api 1.6.1

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1.801 snappy 1.1.0 :1.e16

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1.802 snmp4j 1.11.2

1.803 snmp4j-agent 1.4.2

1.804 sos 3.2 :28.el6

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Upstream-Contact: Bryn M. Reeves <bmr@redhat.com>

Source: <https://github.com/sosreport/sos>

Files: *

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This package was debianized by Andreas Rottmann <rotty@debian.org> on Wed, 26 Sep 2001 17:00:18 +0200.

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```

```
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1.814 sshfs-fuse 2.3 :1

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```

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```
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```

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1.817 staticsox 14.4.1

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1.818 stax 1.0.1

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1.819 STLPort 5.2.1

1.820 strace 4.5.19 :1.19.e16

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1.821 stripes 1.5.6

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```

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```

```
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```
Ty Coon, President of Vice
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1.826 stunnel 4.29 :3.el6_6.1

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1.827 sudo 1.8.6p3 :19.e16

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

1.828 sudo 1.8.6p3

1.828.1 Available under license :

```
# =====  
# http://www.gnu.org/software/autoconf-archive/ax\_check\_link\_flag.html  
# =====  
#  
# SYNOPSIS  
#  
# AX_CHECK_LINK_FLAG(FLAGS, [ACTION-SUCCESS], [ACTION-FAILURE], [EXTRA-FLAGS])  
#  
# DESCRIPTION  
#  
# Check whether the given FLAG works with the linker or gives an error.  
# (Warnings, however, are ignored)  
#  
# ACTION-SUCCESS/ACTION-FAILURE are shell commands to execute on  
# success/failure.  
#
```

```
# If EXTRA-FLAGS is defined, it is added to the linker's default flags
# when the check is done. The check is thus made with the flags: "LDFLAGS
# EXTRA-FLAGS FLAG". This can for example be used to force the linker to
# issue an error when a bad flag is given.
#
# NOTE: Implementation based on AX_CFLAGS_GCC_OPTION. Please keep this
# macro in sync with AX_CHECK_{PREPROC,COMPILE}_FLAG.
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1.832 switch-perl 2.16 :Oct 23 2009

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

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Source: <http://search.cpan.org/dist/Switch/>

Name: Switch

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1.833 sysfsutils 2.1.0 :7.el6

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.835 sysfsutils - lib 2.1.0 :7.e16

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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====

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1.842 sysvinit 2.88dsf-13.1+squeeze1

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The of the start-stop-daemon

- * A rewrite of the original Debian's start-stop-daemon Perl script
- * in C (faster - it is executed many times during system startup).
- *
- * Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.843 tar 1.23 :11.el6

1.843.1 Available under license :

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Version 3, 29 June 2007

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1.846 tcp-wrappers 7.6.q-19

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1.848 tcpdump 4.1.1-1

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1.849 tcpdump 4.0.0

:3.20090921 gitdf3cb4.2.e16

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/* @(#) \$Header: /tcpdump/master/tcpdump/sctpConstants.h,v 1.4 2003-06-03 23:49:23 guy Exp \$ (LBL) */

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*
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1.850 tcsh 6.17 :24.el6

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*/

/*

* config.h -- configure various defines for tcsh

*

* All source files should #include this FIRST.

*

* Edit this to match your system type.

*/

#ifndef _h_config

#define _h_config

/****** System dependant compilation flags *****/

/*

* POSIX This system supports IEEE Std 1003.1-1988 (POSIX).

*/

#undef POSIX

/*

* POSIXJOBS This system supports the optional IEEE Std 1003.1-1988 (POSIX)

* job control facilities.

*/

#undef POSIXJOBS

/*

* VFORK This machine has a vfork().

* It used to be that for job control to work, this define

* was mandatory. This is not the case any more.

* If you think you still need it, but you don't have vfork,

* define this anyway and then do #define vfork fork.

* I do this anyway on a Sun because of yellow pages brain damage,

* [should not be needed under 4.1]

* and on the iris4d cause SGI's fork is sufficiently "virtual"

* that vfork isn't necessary. (Besides, SGI's vfork is weird).

* Note that some machines eg. rs6000 have a vfork, but not

* with the berkeley semantics, so we cannot use it there either.

*/

#define VFORK

/*

* BSDJOBS You have BSD-style job control (both process groups and

* a tty that deals correctly

*/

#define BSDJOBS

```

/*
* BSDTIMES You have BSD-style process time stuff (like rusage)
* This may or may not be true. For example, Apple Unix
* (OREO) has BSDJOBS but not BSDTIMES.
*/
#define BSDTIMES

/*
* BSDLIMIT You have BSD-style resource limit stuff (getrlimit/setrlimit)
*/
#define BSDLIMIT

/*
* TERMIO You have struct termio instead of struct sgtyb.
* This is usually the case for SYSV systems, where
* BSD uses sgtyb. POSIX systems should define this
* anyway, even though they use struct termios.
*/
#undef TERMIO

/*
* SYSVREL Your machine is SYSV based (HPUX, A/UX)
* NOTE: don't do this if you are on a Pyramid -- tcsh is
* built in a BSD universe.
* Set SYSVREL to 1, 2, 3, or 4, depending the version of System V
* you are running. Or set it to 0 if you are not SYSV based
*/
#define SYSVREL 0

/*
* YPBUGS Work around Sun YP bugs that cause expansion of ~username
* to send command output to /dev/null
*/
#undef YPBUGS

/***** local defines *****/

#undef NLS_CATALOGS
#endif /* _h_config */

```

1.851 texinfo 4.13a :8.e16

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Version 3, 29 June 2007

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1.852 tftp 0.49 :7.e16

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Release: 7% { ?dist }
License: BSD
Group: Applications/Internet
Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-% { version }.tar.bz2
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```

```
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# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch.
#
```

1.855 tmpwatch 2.9.16 :4.e16

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Version 2, June 1991

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1.856 Tomcat 7.0.59

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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
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 - javaee_6.xsd
 - javaee_web_services_1_3.xsd
 - javaee_web_services_client_1_3.xsd
 - jsp_2_2.xsd
 - web-app_3_0.xsd
 - web-common_3_0.xsd
 - web-fragment_3_0.xsd
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- javaee_5.xsd
- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd

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- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
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- javaee_5.xsd
- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- web-app_3_0.xsd
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- javaee_web_services_1_2.xsd

- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd

- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
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1.859 tomcat-annotations-api 7.0.16

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1.865 tomcat-servlet-api 7.0.16

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- javaee_6.xsd
- javaee_web_services_1_3.xsd
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- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd

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- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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1.869 Trio 0.0

1.869.1 Available under license :

README -- trio

Trio is a package with portable string functions. Including printf() clones and others.

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Trio is intended to be an integral part of another application, so we have not done anything to create a proper installation.

Compile with 'make' (edit the Makefile if you want a release build)

Test the package with 'make test'

Install by copying trio.h, triop.h, and libtrio.a (and man/man?/* if you want documentation) to the appropriate directories.

Catch some usage examples in example.c

Send feedback and patches to the mailing list, subscription and other information is found here:

<http://lists.sourceforge.net/lists/listinfo/ctrio-talk>

Enjoy!

Trio web page

<http://daniel.haxx.se/trio/>

1.870 ttf-dejavu 2.31-1

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It was downloaded from <http://dejavu.sourceforge.net/>

Upstream Authors: Stepan Roh <src@users.sourceforge.net> (original author),
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1.871 ttf-kochi 20030809-9

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It was downloaded from <http://sourceforge.jp/projects/efont/files/>

Upstream Authors:

- * Kazuhiko <kazuhiko@fdiary.net>
- * KANOUE Hiroki <kanou@khdd.net>
- * efont-devel <<http://lists.sourceforge.jp/mailman/listinfo/efont-devel>>

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Maintainer's explanation:

The family of ttf-kochi-{gothic,mincho},
ttf-kochi-{gothic,mincho}-naga10 consists of the 2 font;
gothic and mincho.
I describe ttf-kochi-{gothic,mincho} as ttf-kochi-*,
ttf-kochi-{gothic,mincho}-naga10 as ttf-kochi-*-naga10.

The difference of between ttf-kochi-* and ttf-kochi-*-naga10
is that ttf-kochi-*-naga10 includes naga10 font, but
ttf-kochi-*-naga10 is removed all naga10 information by me.
Naga10 font is DFSG non-free, and the other part of
ttf-kochi-* is DFSG free, so ttf-kochi-* is main and
ttf-kochi-*-naga10 is non-free.

ttf-kochi-gothic-naga10 is based on Wadalab Gothic font
(you can use it as ttf-xtt-wadalab-gothic debian package),
ttf-kochi-mincho-naga10 is based on Watanabe Mincho font
(you can use it as ttf-xtt-watanabe-mincho debian package),
but the upstream author introduced naga10 (xfonts-naga10 as
debian non-free section package), shinonome
(xfonts-shinonome in main section), tachibana k14 (it's
included in X11 standard distribution, in main section),
kappa20 (xfonts-kappa20 in main section), for the truetype
bitmap hinting information. The upstream author says the
license of his derived work is followed by Wadalab
Gothic/Watanabe Mincho font, so his part of license is the
DFSG free. The shinonome, tachibana k14, kappa20 is also
DFSG free. The part of naga10 is non-free. ttf-kochi-* removes
all naga10 information by me, so ttf-kochi-* is DFSG
free. ttf-kochi-*-naga10 includes naga10 information, so it's
DFSG non-free.

Upstream author's license information about the part of
gothic: (In Japanese)

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ftp.ipl.t.u-tokyo.ac.jp  
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docs/naga10/README

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Upstream author's license information about the part of gothic: (In English, I translate it)

The license depends on the each font to compose this font. It's sure that it's no problem to distribute freely as non-commercial purpose.

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In case you want to point out mistakes in the outline of Kanjis or are not satisfied with the poor design, please do not hesitate to contact tanaka@ipl.t.u-tokyo.ac.jp

You have to read docs/naga10/README using as commercial purpose, or modifying data, because this font uses naga10 font. In addition, if you modify other part of this font except for naga10 font, the license of this is followed as naga10 font when you redistribute or use for commercial purpose.

On the contrally, if you remove the part of naga10 bitmap information, this font becomes corresponding to Wadalab font license.

Maintainer's supplement:

ttf-kochi-{mincho,gothic} removes all naga10 information, so you can use it as DFSG-free. Kappa20's license is DFSG-free (see kappa20 package). I notice you that upstream author is not familiar with license issue, so his statement has some confusion.

And please read README.Debian. Old ttf-kochi-{mincho,gothic} and ttf-kochi-{mincho,gothic}-naga10 are replaced with new ttf-kochi substitute family. This is because "Watanabe truetype font" has license problem, and newer debian package replaces all problem stuff.

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ftp.ipl.t.u-tokyo.ac.jp
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docs/naga10/README
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1.872 ttf-sazanami 20040629-8

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For Saxon including
saxon-8.7.jar
saxon-dom-8.7.jar
saxon-xpath-8.7.jar

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For the Rhino JavaScript engine js-1.6R7.jar:

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=====

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/*

\$Id: LICENSE.txt 156 2003-09-26 17:36:37Z jstrachan \$

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activation-1.1.jar,
jaxb-api-2.1.jar,
jaxb-impl-2.1.7.jar,
jaxb-xjc-2.1.7.jar,
jsr181-api-1.0-MR1.jar,
jsr250-api-1.0.jar,
jaxws-api-2.1.jar,
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=====
=====

1.874 tzdata 2014e :1.el6

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```

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import java.io.File;  
import java.io.FileWriter;  
import java.io.IOException;  
import java.util.ArrayList;  
import java.util.HashMap;  
import java.util.Iterator;  
import java.util.LinkedList;  
import java.util.List;  
import java.util.Map;  
import java.util.Set;  
import java.util.SortedMap;  
import java.util.TreeMap;  
import java.util.TreeSet;
```

```
/**
```

```
* Simple generates TimeZoneData, which had been used as internal  
* data of TimeZone before J2SDK1.3.  
* Since J2SDK1.4 doesn't need TimeZoneData, this class is for maintenance  
* of old JDK release.
```

```
*/
```

```
class Simple extends BackEnd {
```

```
    /**
```

```
     * Zone records which are applied for given year.
```

```
     */
```

```
    private static Map<String,ZoneRec> lastZoneRecs  
    = new HashMap<String,ZoneRec>();
```

```
    /**
```

```
     * Rule records which are applied for given year.
```

```
     */
```

```
    private static Map<String,List<RuleRec>> lastRules  
    = new TreeMap<String,List<RuleRec>>();
```

```
    /**
```

```
     * zone IDs sorted by their GMT offsets. If zone's GMT
```

```

* offset will change in the future, its last known offset is
* used.
*/
private SortedMap<Integer, Set<String>> zonesByOffset
= new TreeMap<Integer, Set<String>>();

/**
 * Sets last Rule records and Zone records for given timezone to
 * each Map.
 *
 * @param tz Timezone object for each zone
 * @return always 0
 */
int processZoneinfo(Timezone tz) {
String zonename = tz.getName();

lastRules.put(zonename, tz.getLastRules());
lastZoneRecs.put(zonename, tz.getLastZoneRec());

// Populate zonesByOffset. (Zones that will change their
// GMT offsets are also added to zonesByOffset here.)
int lastKnownOffset = tz.getRawOffset();
Set<String> set = zonesByOffset.get(lastKnownOffset);
if (set == null) {
    set = new TreeSet<String>();
    zonesByOffset.put(lastKnownOffset, set);
}
set.add(zonename);

return 0;
}

/**
 * Generates TimeZoneData to output SimpleTimeZone data.
 * @param map Mappings object which is generated by {@link Main#compile}.
 * @return 0 if no error occurred, otherwise 1.
 */
int generateSrc(Mappings map) {
try {
    String outputDir = Main.getOutputDir();
    File outD = new File(outputDir);

    if (!outputDir.endsWith(File.separator)) {
outputDir += outD.separator;
    }
    outD.mkdirs();

    FileWriter fw =

```



```

new FileWriter(outputDir + "TimeZoneData.java", false);
    BufferedWriter out = new BufferedWriter(fw);

    out.write("import java.util.SimpleTimeZone;\n\n");
    out.write("    static SimpleTimeZone zones[] = {\n\n");

    Map<String,String> a = map.getAliases();
    List<Integer> roi = map.getRawOffsetsIndex();
    List<Set<String>> roit = map.getRawOffsetsIndexTable();

    int index = 0;
    for (int offset : zonesByOffset.keySet()) {
int o = roi.get(index);
Set<String> set = zonesByOffset.get(offset);
if (offset == o) {
    // Merge aliases into zonesByOffset
    set.addAll(roit.get(index));
}
index++;

for (String key : set) {
    ZoneRec zrec;
    String realname;
    List<RuleRec> stz;
    if ((realname = a.get(key)) != null) {
// if this alias is not targeted, ignore it.
if (!Zone.isTargetZone(key)) {
    continue;
}
stz = lastRules.get(realname);
zrec = lastZoneRecs.get(realname);
    } else {
stz = lastRules.get(key);
zrec = lastZoneRecs.get(key);
    }

    out.write("\t//-----\n");
    String s = Time.toFormedString(offset);
    out.write("\tnew SimpleTimeZone(" +
Time.toFormedString(offset) + ", \"" + key + "\"");
    if (realname != null) {
out.write(" /* " + realname + " */");
    }

    if (stz == null) {
out.write("),\n");
    } else {
RuleRec rr0 = stz.get(0);

```

```

RuleRec rr1 = stz.get(1);

out.write(",\n\t " + Month.toString(rr0.getMonthNum()) +
    ", " + rr0.getDay().getDayForSimpleTimeZone() + ", " +
    rr0.getDay().getDayOfWeekForSimpleTimeZone() + ", " +
    Time.toFormedString((int)rr0.getTime().getTime()) + ", " +
    rr0.getTime().getTypeForSimpleTimeZone() + ",\n" +

    "\t " + Month.toString(rr1.getMonthNum()) + ", " +
    rr1.getDay().getDayForSimpleTimeZone() + ", " +
    rr1.getDay().getDayOfWeekForSimpleTimeZone() + ", " +
    Time.toFormedString((int)rr1.getTime().getTime()) + ", " +
    rr1.getTime().getTypeForSimpleTimeZone() + ",\n" +

    "\t " + Time.toFormedString(rr0.getSave()) + ")\n");

out.write("\t// " + rr0.getLine() + "\n");
out.write("\t// " + rr1.getLine() + "\n");
    }

    String zline = zrec.getLine();
    if (zline.indexOf("Zone") == -1) {
zline = "Zone " + key + "\t" + zline.trim();
    }
    out.write("\t// " + zline + "\n");
}
}
out.write("    ");
}

out.close();
fw.close();
} catch(IOException e) {
    Main.panic("IO error: "+e.getMessage());
    return 1;
}

return 0;
}
}

```

1.877 tzdata 2012g-0squeeze1

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This is the Debian prepackaged version of the Time Zone and Daylight Saving Time Data.

It was downloaded from <http://www.iana.org/time-zones>

Upstream Author: The Internet Assigned Numbers Authority (IANA)

Commentary should be addressed to tz@iana.org

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1.878 tzdata 2015a :1.el7

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package sun.tools.javazic;
```

```
import java.io.BufferedWriter;  
import java.io.File;  
import java.io.FileWriter;  
import java.io.IOException;  
import java.util.ArrayList;  
import java.util.HashMap;  
import java.util.Iterator;  
import java.util.LinkedList;  
import java.util.List;  
import java.util.Map;  
import java.util.Set;
```

```

import java.util.SortedMap;
import java.util.TreeMap;
import java.util.TreeSet;

/**
 * <code>Simple</code> generates TimeZoneData, which had been used as internal
 * data of TimeZone before J2SDK1.3.
 * Since J2SDK1.4 doesn't need TimeZoneData, this class is for maintenance
 * of old JDK release.
 */
class Simple extends BackEnd {

    /**
     * Zone records which are applied for given year.
     */
    private static Map<String,ZoneRec> lastZoneRecs
= new HashMap<String,ZoneRec>();

    /**
     * Rule records which are applied for given year.
     */
    private static Map<String,List<RuleRec>> lastRules
= new TreeMap<String,List<RuleRec>>();

    /**
     * zone IDs sorted by their GMT offsets. If zone's GMT
     * offset will change in the future, its last known offset is
     * used.
     */
    private SortedMap<Integer, Set<String>> zonesByOffset
= new TreeMap<Integer, Set<String>>();

    /**
     * Sets last Rule records and Zone records for given timezone to
     * each Map.
     *
     * @param tz Timezone object for each zone
     * @return always 0
     */
    int processZoneinfo(Timezone tz) {
String zonename = tz.getName();

lastRules.put(zonename, tz.getLastRules());
lastZoneRecs.put(zonename, tz.getLastZoneRec());

// Populate zonesByOffset. (Zones that will change their
// GMT offsets are also added to zonesByOffset here.)
int lastKnownOffset = tz.getRawOffset();

```

```

Set<String> set = zonesByOffset.get(lastKnownOffset);
if (set == null) {
    set = new TreeSet<String>();
    zonesByOffset.put(lastKnownOffset, set);
}
set.add(zonename);

return 0;
}

/**
 * Generates TimeZoneData to output SimpleTimeZone data.
 * @param map Mappings object which is generated by {@link Main#compile}.
 * @return 0 if no error occurred, otherwise 1.
 */
int generateSrc(Mappings map) {
try {
    String outputDir = Main.getOutputDir();
    File outD = new File(outputDir);

    if (!outputDir.endsWith(File.separator)) {
outputDir += outD.separator;
    }
    outD.mkdirs();

    FileWriter fw =
new FileWriter(outputDir + "TimeZoneData.java", false);
    BufferedWriter out = new BufferedWriter(fw);

    out.write("import java.util.SimpleTimeZone;\n\n");
    out.write("    static SimpleTimeZone zones[] = {\n");

    Map<String,String> a = map.getAliases();
    List<Integer> roi = map.getRawOffsetsIndex();
    List<Set<String>> roit = map.getRawOffsetsIndexTable();

    int index = 0;
    for (int offset : zonesByOffset.keySet()) {
int o = roi.get(index);
Set<String> set = zonesByOffset.get(offset);
if (offset == o) {
    // Merge aliases into zonesByOffset
    set.addAll(roit.get(index));
}
index++;

for (String key : set) {
    ZoneRec zrec;

```

```

String realname;
List<RuleRec> stz;
if ((realname = a.get(key)) != null) {
// if this alias is not targeted, ignore it.
if (!Zone.isTargetZone(key)) {
    continue;
}
stz = lastRules.get(realname);
zrec = lastZoneRecs.get(realname);
    } else {
stz = lastRules.get(key);
zrec = lastZoneRecs.get(key);
    }

    out.write("\t//-----\n");
    String s = Time.toFormedString(offset);
    out.write("\tnew SimpleTimeZone(" +
Time.toFormedString(offset) + ", \"" + key + "\"");
    if (realname != null) {
out.write(" /* " + realname + " */");
    }

    if (stz == null) {
out.write(")\n");
    } else {
RuleRec rr0 = stz.get(0);
RuleRec rr1 = stz.get(1);

out.write("\n\t " + Month.toString(rr0.getMonthNum()) +
    ", " + rr0.getDay().getDayForSimpleTimeZone() + ", " +
    rr0.getDay().getDayOfWeekForSimpleTimeZone() + ", " +
    Time.toFormedString((int)rr0.getTime().getTime()) + ", " +
    rr0.getTime().getTypeForSimpleTimeZone() + ",\n" +

    "\t " + Month.toString(rr1.getMonthNum()) + ", " +
    rr1.getDay().getDayForSimpleTimeZone() + ", " +
    rr1.getDay().getDayOfWeekForSimpleTimeZone() + ", " +
    Time.toFormedString((int)rr1.getTime().getTime()) + ", " +
    rr1.getTime().getTypeForSimpleTimeZone() + ",\n" +

    "\t " + Time.toFormedString(rr0.getSave() + ")\n");

out.write("\t// " + rr0.getLine() + "\n");
out.write("\t// " + rr1.getLine() + "\n");
    }

    String zline = zrec.getLine();
    if (zline.indexOf("Zone") == -1) {

```

```

zline = "Zone " + key + "\t" + zline.trim();
    }
    out.write("\t// " + zline + "\n");
}
}
out.write("  ");\n");

out.close();
fw.close();
} catch(IOException e) {
    Main.panic("IO error: "+e.getMessage());
    return 1;
}

return 0;
}
}

```

1.879 tzdata/javazic 2014e :1.e16

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1.883 udev 147 :2.63.el6_7.1

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1.884 unixodbc 2.2.12

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(For example, a function in a library to compute square roots has

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/*****

PSQLODBC.DLL - A library to talk to the PostgreSQL DBMS using ODBC.

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1.886 unzip 6.0-4

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The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

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1.887 unzip 6.0 :1.e16

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alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

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```
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*
* A collection of File Manager and related routines
*
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- *
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- * -----
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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

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The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

1.888 update-inetd 4.38+nmu1+squeeze1

1.888.1 Available under license :

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```
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1.889 upstart 0.6.5 :13.el6_5.3

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1.892 usermode 1.102 :3.e16

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1.896 util-linux 2.17.2-9

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```

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```
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```

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1.901 vjjava 5.1 :5.1

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1.902 vim 7.2.411 :1.8.e16

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=====
Visual Studio - Vim Integration
=====

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VisVim is a Visual Studio Add-In that allows Vim to be integrated as the default text editor. It will be used instead of the Visual Studio built-in editor when you double-click on a file or press F4 after compiling (it will go to the proper line in the Vim buffer). The file can be loaded exclusively by Vim or additionally to the builtin Visual Studio editor (this option can be set in the VisVim configuration dialog inside Visual Studio). Vim does not replace the Visual Studio editor, it still runs in its own window.

VisVim is based upon VisEmacs by Christopher Payne
(Copyright (C) Christopher Payne 1997).

Author: Heiko Erhardt <Heiko.Erhardt@munich.netsurf.de>
Based upon: VisEmacs by Christopher Payne <payneca@sagian.com>
Version: 1.0
Created: 23 Oct 1997
Date: 23 Oct 1997

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Requirements

VisVim works with the *OLE-enabled* version of Vim version 5.0 and higher only!!! You must download the extra archive containing the OLE-enabled executable from your Vim download site. When building your own Vim executable, use the if_ole_vc.mak makefile (Vim 5.1 and higher). VisVim needs DevStudio 5.0 or higher. It does not work with DevStudio 4.2.

Installation

- 1) Close running instances of DevStudio.
- 2) Copy VisVim.dll into a convenient directory like \vim, \vim\lib, or \vim\addin
- 3) Register the DLL using regsvr32.exe ... (Skip this on Windows 95/98)
Example:
> cd \vim\addin
> regsvr32 VisVim.dll
On NT, you should do this from an administrator account.
Before installing a new version of VisVim you should unregister the old one using
> regsvr32 -unregister VisVim.dll
The batch files register.bat and unregister.bat can do that for you.
- 3a) If you didn't do this yet: Register the OLE gvim:
> gvim -register
- 4) Start Visual Studio and go to:
Tools
Customize...
Add-Ins and Macro Files
- 5) Click on Browse, and point Visual Studio to your VisVim.dll file.
- 6) Click the checkbox to indicate that you want to use the Add-In, and Close the Customize dialog box.
- 7) You should notice the VisVim Toolbar with the Vim Icon.
Click the first item of the toolbar to get to the options dialog.

Compiling VisVim

Two Options:

- 1) Load the VisVim.mak file as a Workspace in Visual Studio and compile
- 2) Use the MSVC command line compiler:
vcvars32
nmake -f VisVim.mak

Using VisVim

The VisVim DLL exposes several functions to the user. These functions are accessible using the toolbar or by assigning hotkeys to them (see below). The following functions are visible on the toolbar (from left to right):

1. VisVim settings dialog

The settings you adjust here will be saved in the registry and will be reloaded on program startup.

2. Enable Vim

Enables Vim as Visual Studio editor. Control will be switched to Vim when:

- Clicking a file in the file view
- Clicking a compiler error message line
- Using the 'File-Open' Dialog
- Showing the current source line when encountering a debugger breakpoint.
- Using File-New

3. Disable Vim

The internal Visual Studio editor will be used to edit files.

4. Toggle enable state

Toggles the enable state of VisVim. Use this function if you want to have one button only to activate/deactivate Vim.

5. Load current file in Vim

Loads the file shown in the internal editor into Vim. Use this function if you want the internal editor to stay active and just edit one file in Vim.

This command works always whether Vim is enabled as default editor or not.

You cannot use DevStudio's debugger commands from inside Vim, so you should disable Vim before running the debugger.

You can customize the Vim toolbar itself or add the Vim buttons to other toolbars.

To have fast access to the VisVim options dialog I suggest to create keyboard shortcuts:

1) Choose

Tools

Customize...

Keyboard

2) Choose Category: AddIns and Commands: VisVim.

3) Choose 'Main' as editor, enter each hotkey and press the Assign button.

I suggest:

VisVimDialogCmd Alt+Shift+V

VisVimEnableCmd Alt+Shift+E

VisVimDisableCmd Alt+Shift+D

VisVimToggleCmd Alt+Shift+T

VisVimLoadCmd Alt+Shift+G

4) Close the dialog

Now a typical debugging example:

Using "Alt+Shift+d" you turn off Vim before starting the debugger.

After hitting the breakpoint you single step through your application using the internal source code editor and examine variables.

When you stumble across the line with the null pointer assignment, just press "Alt+Shift+g", and correct the error in Vim.

Save the file, press Alt+Tab to return to DevStudio and press F7 to compile.

That's it.

Troubleshooting

1. When opening a file in DevStudio the file is opened in the DevStudio editor and immediately vanishes. No Vim shows up.
Cause: Probably you don't have the OLE-enabled Vim or you didn't register it.
Explanation: VisVim is notified by DevStudio if an 'open document' event occurs. It then closes the document in the internal editor and tries to start Vim. If Vim isn't properly OLE-registered, this won't work.
Workaround: Download and install the OLE-enable version of Vim and execute "gvim -register".
2. Sometimes when clicking on a file, the file won't be opened by Vim but instead the Visual Studio editor comes up.
Cause: The file was already loaded by the DevStudio editor.
Explanation: VisVim works by hooks exposed by Visual Studio. Most of the functionality works from the OpenDocument hook. If a document is already loaded in the Visual Studio editor, no 'open document' event will be generated when clicking the file in the file list.
Workaround: Close the document in Visual Studio first.
3. I can't get VisVim to work. Either the Vim toolbar does not appear at all or weird crashes happen.
Cause: The Visual Studio installation is messed up.
Explanation: I can't give you one. Ask M\$.
Workaround: Reinstall DevStudio (I know this is brute, but in some cases it helped). There was one case where the service pack 1 had to be installed, too.
4. If an instance of Vim is already running, VisVim will use that instance

and not start a new one.

Cause: This is proper OLE behaviour

Explanation: Some call it a bug, some a feature. That's just the way OLE works.

5. When being in insert mode in Vim and selecting a file in Visual Studio, the Vim command `:e ...` is inserted as text instead of being executed.

Cause: You probably know...

Explanation: The Vim OLE automation interface interprets the VisVim commands as if they were typed in by the user.

So if you're in insert mode Vim considers it to be text.

I decided against sending an ESC before the command because it may cause a beep or at least a screen flash when `noeb` is set.

Workaround: Get used to press ESC before switching to DevStudio.

6. I'm tired of VisVim but I can't get rid of it. I can't delete it in Tools-Customize-Add-Ins.

Cause: You can't delete an item you once added to the add-ins list box.

Explanation: M\$ just didn't put a 'delete' button in the dialog box.

Unfortunately there is no DEL key accelerator as well...

Workaround: You can't kill it, but you can knock it out:

1. Uncheck the check box in front of 'Vim Developer Studio Add-in'.
2. Close Visual Studio.
3. Delete VisVim.dll or move it somewhere it can't be found.
4. Run Visual Studio.
5. Tools -> Cursomize ->Add-ins and Macro-Files.

6. A message appears:

```
"../VisVim.dll" "This add-in no longer exists. It will no longer be displayed."
```

That's it!

Change history

1.0a to 1.0

- All settings in the VisVim dialog are remembered between DevStudio sessions by keeping them in the registry (HKEY_CURRENT_USER\Software\Vim\VisVim).
- Added an option to do a `:cd` before opening the file (having a file opened by clicking it but finding out to be still in `C:\Windows\system` when trying to open another file by `:e` can be annoying). Change directory can be done to the source file's directory or it's parent directory.
- Added some explanations to the error message for the `CO_E_CLASSSTRING` error

("Use OLE Vim and make sure to register...").

1.0 to 1.1a

- The VisVim toolbar button now shows the new Vim icon instead of the old one.
- Made some changes to the documentation, added the troubleshooting chapter and ToDo list.
- File-New-* now invokes Vim instead of the builtin editor if enabled.

1.1 to 1.1b

- Extended the VisVim toolbar to have multiple buttons instead of one.
- Moved the enable/disable commands from the settings dialog to the toolbar.
- Added the toggle enable/disable command
- Added the 'load current file' command.

1.1b to 1.2

No new features, just some fine tuning:

- Changed the GUID of the VisVim OLE interface to avoid conflicts with a version of VisEmacs or VisVile on the same computer (Guy Gascoigne)
- Fixed a bug caused by a bug in the Developer Studio add-in code generator (Clark Morgan)
- Fixed a memory leak (Clark Morgan)
- Added an option in the VisVim dialog to prepend ESC before the first command that is sent to Vim. This will avoid inserting the command as text when Vim is still in insert mode.
- An :update command is sent to Vim before any other command to update the current file if it is modified, or else the following :cd or :e command will fail.

1.2 to 1.3a

- Fixed a bug caused by a missing EnableModeless() function call in VimLoad(). This seems to reduce VisVim crashing DevStudio on some systems (it occasionally still seems to happen, but it's more stable now). (Vince Negri)
- Added support for the new CTRL-\ CTRL-N command of Vim 5.4a. This prevents Vim from beeping when a VisVim command is executed an Vim is not in insert mode.

ToDo List

P1 is highest priority, P10 lowest

P9 Switching to DevStudio using ALT-TAB may get annoying. Would be nice to have the option to map `ActivateApplication("Visual Studio")` in Vim. Vim DLLs would solve that problem.

P8 Execute `:tag` command in Vim for word under cursor in DevStudio

P7 Controlling the Visual Studio Debugger from inside Vim
See message above. Also a 'Debug' highlight group and a command to highlight a certain line would be necessary.

P6 Provide an option to open the current file in VisVim in Visual Studio editor
Same as above message. A kind of two way OLE automation would have to be established between VisVim and Vim. Also a 'Debug' highlight group and a command to highlight a certain line would be necessary.

Known Problems

- Occasional memory corruptions in DevStudio may appear on some systems. Reinstalling DevStudio helped in some cases.
The cause of these crashes is unclear; there is no way to debug this.
Recompiling VisVim with DevStudio SP3 didn't help.
I assume it's a problem deep inside the DevStudio add-in OLE interfaces.
This will hopefully be fixed with DevStudio 6.

Have fun!

Heiko Erhardt
Heiko.Erhardt@munich.netsurf.de

en_US
20040623 release.

--

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Thanks to both authors for there wonderful work.

=====
en_AU:

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The credit for this en_AU dictionary goes to:

Kelvin Eldridge (maintainer)
Jean Hollis Weber
David Wilson

- Words incorrect in Australian English removed
- a list from the previously removed words with corrected spelling was added
- a list of major rivers was added
- a list of place names was added
- a list of Australian mammals was added
- a list of Aboriginal/Koori words commonly used was added

A total of 119,267 words are now recognized by the dictionary.

Of course, special thanks go to the editors of the en_GB dictionary (David Bartlett, Brian Kelk and Andrew Brown) which provided the starting point for this dictionary.

The affix file is currently a duplicate of the en_AU.aff created completely from scratch by David Bartlett and Andrew Brown, based on the published rules for MySpell and is also provided under the LGPL.

If you find omissions or bugs or have new words to add to the dictionary, please contact the en_AU maintainer at:

"Kelvin" <audictionary@onlineconnections.com.au>

=====
en_CA:

The dictionary file was created using the "final" English and Canadian SCOWL (Spell Checker Oriented Word Lists) wordlists available at Kevin's Word Lists Page (<http://wordlist.sourceforge.net>). Lists with the suffixes 10, 20,

35, 50, 65 and 65 were used. Lists with the suffixes 70, 80 and 95 were excluded. Copyright information for SCOWL and the wordlists used in creating it is reproduced below.

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Alan Beale <biljir@pobox.com> also deserves special credit as he has, in addition to providing the 12Dicts package and being a major contributor to the ENABLE word list, given me an incredible amount of feedback and created a number of special lists (those found in the Supplement) in order to help improve the overall quality of SCOWL.

The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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3449 Martha Ct.
Arcata, CA 95521-4884

grady@netcom.com
grady@northcoast.com

The "UK English Wordlist With Frequency Classification" is also in the Public Domain:

Date: Sat, 08 Jul 2000 20:27:21 +0100
From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

> I was wondering what the copyright status of your "UK English
> Wordlist With Frequency Classification" word list as it seems to
> be lacking any copyright notice.

There were many many sources in total, but any text marked "copyright" was avoided. Locally-written documentation was one source. An earlier version of the list resided in a filespace called PUBLIC on the University mainframe, because it was considered public domain.

Date: Tue, 11 Jul 2000 19:31:34 +0100

> So are you saying your word list is also in the public domain?

That is the intention.

The 20 level includes frequency classes 7-15 from Brian's word list.

The 35 level includes frequency classes 2-6 and words appearing in at least 11 of 12 dictionaries as indicated in the 12Dicts package. All words from the 12Dicts package have had likely inflections added via my inflection database.

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The 50 level includes Brian's frequency class 1, words words appearing in at least 5 of 12 of the dictionaries as indicated in the 12Dicts package, and uppercase words in at least 4 of the previous 12 dictionaries. A decent number of proper names is also included: The top 1000 male, female, and Last names from the 1990 Census report; a list of names sent to me by Alan Beale; and a few names that I added myself. Finally a small list of abbreviations not commonly found in other word lists is included.

The name files from the Census report is a government document which I don't think can be copyrighted.

The name list from Alan Beale is also derived from the linux words list, which is derived from the DEC list. He also added a bunch of miscellaneous names to the list, which he released to the Public Domain.

The DEC Word list doesn't have a formal name. It is labeled as "FILE: english.words; VERSION: DEC-SRC-92-04-05" and was put together by Jorge Stolfi <stolfi@src.dec.com> DEC Systems Research Center. The DEC Word list has the following copyright statement:

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The file special-jargon.50 uses common.lst and word.lst from the "Unofficial Jargon File Word Lists" which is derived from "The Jargon File". All of which is in the Public Domain. This file also contains a few extra UNIX terms which are found in the file "unix-terms" in the special/ directory.

The 60 level includes Brian's frequency class 0 and all words appearing in at least 2 of the 12 dictionaries as indicated by the 12Dicts package. A large number of names are also included: The 4,946 female names and 3,897 male names from the MWords package and the files "computer.names", "misc.names", and "org.names" from the DEC package.

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The 70 level includes the 74,550 common dictionary words and the 21,986 names list from the MWords package. The common dictionary words, like those from the 12Dicts package, have had all likely inflections added.

The 80 level includes the ENABLE word list, all the lists in the ENABLE supplement package (except for ABLE), the "UK Advanced Cryptics Dictionary" (UKACD), the list of signature words in from YAWL package, and the 10,196 places list from the MWords package.

The ENABLE package, mainted by M\Cooper <thegrendel@theriver.com>, is in the Public Domain:

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The 95 level includes the 354,984 single words and 256,772 compound words from the MWords package, ABLE.LST from the ENABLE Supplement, and some additional words found in my part-of-speech database that were not found anywhere else.

Accent information was taken from UKACD.

My VARCON package was used to create the American, British, and Canadian word list.

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The variant word lists were created from a list of variants found in

the 12dicts supplement package as well as a list of variants I created myself.

=====
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It has been extensively updated by David Bartlett, Brian Kelk and Andrew Brown:

- numerous Americanism have been removed
- numerous American spellings have been corrected
- missing words have been added
- many errors have been corrected
- compound hyphenated words have been added where appropriate

Valuable inputs to this process were received from many other people - far too numerous to name. Serious thanks to you all for your greatly appreciated help.

This word list is intended to be a good representation of current modern British English and thus it should be a good basis for Commonwealth English in most countries of the world outside North America.

The affix file has been created completely from scratch by David Bartlett and Andrew Brown, based on the published rules for MySpell and is also provided under the LGPL.

In creating the affix rules an attempt has been made to reproduce the most general rules for English word formation, rather than merely use it as a means to compress the size of the dictionary. It is hoped that this will facilitate future localisation to other variants of English.

Please let David Bartlett <dwb@openoffice.org> know of any errors that you find.

The current release is R 1.18, 11/04/05

=====
en_NZ:

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II. Copying (Licence)

I. Copyright

NZ English Dictionary v0.9 beta - Build 06SEP03

~~~~~  
NB This is an initial version, please check:

[http://lingucomponent.openoffice.org/download\\_dictionary.html](http://lingucomponent.openoffice.org/download_dictionary.html)

or

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for a final version, after a little while (no hurry).

This dictionary is based on the en\_GB Myspell dictionary which in turn was initially based on a subset of the original English wordlist created by Kevin Atkinson for Pspell and Aspell and thus is covered by his original LGPL licence.

### Introduction

~~~~~  
en_NZ.dic has been altered to include New Zealand places, including major cities and towns, and major suburbs. It also contains NZ words, organisations and expressions.

en_NZ.aff has had a few REPlace strings added, but is basically unchanged.

Acknowledgements

~~~~~  
Thanks must go to the original creators of the British dictionary, David Bartlett, Brian Kelk and Andrew Brown.

I wouldn't have started this without seeing the Australian dictionary, thanks Kelvin Eldridge, Jean Hollis Weber and David Wilson.

And thank you to all who've contributed to OpenOffice.org.

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~~~~~  
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Issues

~~~~~

Many of the proper nouns already in the dictionary do not have an affix for 's.

All my new words start after the z's of the original dictionary.

Contact

~~~~~

Contact Tristan Burtenshaw (hooty@slingshot.co.nz) with any words, places or other suggestions for the dictionary.

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Version 2.1, February 1999

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uganda.txt For Vim version 7.2. Last change: 2008 Jun 21

VIM REFERENCE MANUAL by Bram Moolenaar

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SUMMARY

iccf *ICCF*

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- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.

- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.

- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

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=====
Kibaale Children's Centre *kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have

to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

donate

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre is co-sponsored and inspected by World Vision, Save the Children Fund and

International Child Care Fund. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself in 1996, 1998, 2000, 2001 and 2003. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:

Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money: *iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.

For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.

Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Venlo.

This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774

Germany: It is possible to make donations that allow for a tax return.

Check the ICCF web site for the latest information:
<http://iccf-holland.org/germany.html>

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is

in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.

Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:

https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q

The e-mail address for sending the money to is:

Bram@iccf-holland.org

For amounts above 400 Euro (\$500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:

Postbank, account 4548774

Swift code: INGB NL 2A

IBAN: NL47 PSTB 0004 5487 74

under the name "stichting ICCF Holland", Venlo

If that doesn't work:

Rabobank Venlo, account 3765.05.117

Swift code: RABO NL 2U

under the name "Bram Moolenaar", Venlo

Otherwise, send a check in euro or US dollars to the address below. Minimal amount: \$70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:

stichting ICCF Holland

Bram Moolenaar

Finsterruetihof 1

8134 Adliswil

Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:ft=help:norl:

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Version 2, June 1991

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One line to give the program's name and a brief idea of what it does.

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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

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1.903 vim 2:7.2.445+hg~cb94c42c0e1a-1

1.903.1 Available under license :

uganda.txt For Vim version 7.3. Last change: 2012 May 28

VIM REFERENCE MANUAL by Bram Moolenaar

uganda *Uganda* *copying* *copyright* *license*

SUMMARY

iccf *ICCF*

Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see |kcc| below or visit the ICCF web site, available at these URLs:

<http://iccf-holland.org/>

<http://www.vim.org/iccf/>

<http://www.iccf.nl/>

You can also sponsor the development of Vim. Vim sponsors can vote for features. See |sponsor|. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see |manual-copyright|.

=== begin of license ===

VIM LICENSE

D) There are no restrictions on distributing unmodified copies of Vim except that they must include this license text. You can also distribute unmodified parts of Vim, likewise unrestricted except that they must include this license text. You are also allowed to include executables that you made from the unmodified Vim sources, plus your own usage examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim, including executables and/or source code, when the following four conditions are met:

- 1) This license text must be included unmodified.
- 2) The modified Vim must be distributed in one of the following five ways:
 - a) If you make changes to Vim yourself, you must clearly describe in the distribution how to contact you. When the maintainer asks you

(in any way) for a copy of the modified Vim you distributed, you must make your changes, including source code, available to the maintainer without fee. The maintainer reserves the right to include your changes in the official version of Vim. What the maintainer will do with your changes and under what license they will be distributed is negotiable. If there has been no negotiation then this license, or a later version, also applies to your changes. The current maintainer is Bram Moolenaar <Bram@vim.org>. If this changes it will be announced in appropriate places (most likely vim.sf.net, www.vim.org and/or comp.editors). When it is completely impossible to contact the maintainer, the obligation to send him your changes ceases. Once the maintainer has confirmed that he has received your changes they will not have to be sent again.

b) If you have received a modified Vim that was distributed as mentioned under a) you are allowed to further distribute it unmodified, as mentioned at I). If you make additional changes the text under a) applies to those changes.

c) Provide all the changes, including source code, with every copy of the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.

d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:

- The license that applies to the changes permits you to distribute the changes to the Vim maintainer without fee or restriction, and permits the Vim maintainer to include the changes in the official version of Vim without fee or restriction.
- You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them available to him.
- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.

e) When the GNU General Public License (GPL) applies to the changes, you can distribute the modified Vim under the GNU GPL version 2 or any later version.

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4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make

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IV) It is not allowed to remove this license from the distribution of the Vim sources, parts of it or from a modified version. You may use this license for previous Vim releases instead of the license that they came with, at your option.

==== end of license ====

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.
- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.
- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.
- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.
- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.
- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

=====
Kibaale Children's Centre *kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10

to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

donate

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).

3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:

Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money: *iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.
This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774

Germany: It is possible to make donations that allow for a tax return.
Check the ICCF web site for the latest information:
<http://iccf-holland.org/germany.html>

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.
Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:
https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro (\$500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:

Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse

If that doesn't work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse

Otherwise, send a check in euro or US dollars to the address below. Minimal amount: \$70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:
stichting ICCF Holland
Bram Moolenaar

Finsterruetihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:ft=help:norl:

This is the Debian pre-packaged version of vim. Vim is an almost compatible version of the UNIX editor Vi. Many new features have been added: multi level undo, syntax highlighting, command line history, on-line help, filename completion, block operations, etc.

This package was put together by Wichert Akkerman <wakkerma@debian.org> from sources obtained from: <ftp://ftp.vim.org/pub/vim/unix/>. The current maintainer is Debian VIM Maintainers <pkg-vim-maintainers@lists.alioth.debian.org>.

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1.914 wstx-asl 3.2.9

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*/

/* \$XFree86\$ */

/*

* xcalc.c - a hand calculator for the X Window system

*

* Original Author: John H. Bradley, University of Pennsylvania

* (bradley@cis.upenn.edu) March, 1987

* RPN mode added and port to X11 by Mark Rosenstein, MIT Project Athena

* Rewritten to be an Xaw and Xt client by Donna Converse, MIT X Consortium

*/

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1.916 x11-session-utils 7.5+1

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It contains the rstart, smproxy and xsm applications.

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1.917 x11-utils 7.5+4

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Client application for querying drivers' configuration information
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1.918 x11-xfs-utils 7.4+1

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1.919 x11-xkb-utils 7.5+5

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1.920 x11-xserver-utils 7.5+3

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1.921 xalan 2.7.1

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sep

1.923 xauth 1:1.0.4-1

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1.924 xbitmaps 1.1.0-1

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1.925 xcb-util 0.3.6-1

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*

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*/

#ifdef HAVE_SYS_TYPES_H

```
# include <sys/types.h>
#endif

#define ssizeof(foo)      (ssize_t)sizeof(foo)
#define countof(foo)     (sizeof(foo) / sizeof(foo[0]))
```

1.926 xcb-util-renderutil 0.3.8-1.1

1.926.1 Available under license :

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1.927 xdg-utils 1.0.2+cvs20100307-2

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1.928 xerces-c 2.7.0

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font-cursor-misc
font-daewoo-misc
font-dec-misc
font-isas-misc
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1.935 xfonts-utils 1:7.5+2

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Packaged by: David Nusinow <dnusinow@debian.org> and others.

Source:

<http://xorg.freedesktop.org/releases/individual/font/>

<http://xorg.freedesktop.org/releases/individual/app/>

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1.936 xft 2.1.14-2

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1.938 xkeyboard-config 1.8-2

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See <a href="http://www.saxproject.org">http://www.saxproject.org</a>  
for further information.
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</blockquote>
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</p>
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</body>
</html>
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1.946 xmlstarlet 1.0.1

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1.947 xorg 1:7.5+8+squeeze1

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1.948 xorg-docs 1:1.6-1

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1.951 xserver-xorg-input-kbd 1:1.6.1-1+b1

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1.959 xz-utils 5.0.0-2

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?rev=135>

Name: XZ Utils

Maintainer: Lasse Collin <lasse.collin@tukaani.org>

Source: <http://tukaani.org/xz>

<http://git.tukaani.org/xz.git>

X-Authors:

XZ Utils is developed and maintained upstream by Lasse Collin. Major portions are based on code by other authors; see AUTHORS for details.

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- .
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- .
 - The scripts to grep, diff, and view compressed files have been adapted from gzip. These scripts and their documentation are under GNU GPLv2+.
- .
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- .
 - Translated messages are in the public domain.
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The rest of this file only describes the source package. The binary packages contain some files derived from other works: for example, all images in the API documentation come from Doxygen.

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X-Note:

From: Lasse Collin <lasse.collin@tukaani.org>

To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

.

[...]

.

> AUTHORS, ChangeLog, COPYING, README, THANKS, TODO,
> dos/README, windows/README

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NEWS,
PACKAGERS,
windows/README-Windows.txt,
windows/INSTALL-Windows.txt

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Files: src/scripts/*, lib/*, extra/scanzma/scanzma.c

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X-Other-Authors: Paul Eggert, Ulrich Drepper

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Files: m4/getopt.m4, m4/posix-shell.m4

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X-Other-Authors: Bruno Haible, Paul Eggert

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Files: m4/acx_pthread.m4

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Files: `src/liblzma/check/crc32_table_[bl]e.h,`

`src/liblzma/check/crc64_table_[bl]e.h,`

`src/liblzma/lzma/fastpos_table.c,`

`src/liblzma/rangecoder/price_table.c`

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X-Generated-With: `src/liblzma/check/crc32_tablegen.c,`

`src/liblzma/check/crc64_tablegen.c,`

`src/liblzma/lzma/fastpos_tablegen.c,`

`src/liblzma/rangecoder/price_tablegen.c`

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X-Source-Code: tests/bcj_test.c
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changelog.gz (commit 975d8fd) explains:

.
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Files: dos/config.h
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2007-2010, Lasse Collin
X-Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,
David Mackenzie, Bruno Haible, and many others.
X-Origin: configure.ac from XZ Utils,
visibility.m4 serial 1 (gettext-0.15),
Autoconf 2.52g
License: config-h
configure.ac:
. # Author: Lasse Collin

```
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dos/config.h was generated with autoheader, which tells Autoconf to
output a script to generate a config.h file and then runs it.

Files: po/Makevars

X-Origin: gettext-runtime/po/Makevars (gettext-0.12)

X-Authors: Bruno Haible

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Files: INSTALL.generic

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1.961 zlib 1.2.3

1.961.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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1.962 zlib 1:1.2.3.4.dfsg-3

1.962.1 Available under license :

This is the pre-packaged Debian Linux version of the zlib compression library. It was packaged by Michael Alan Dorman <mdorman@debian.org> from sources originally retrieved from <ftp.uu.net> in the directory </pub/archiving/zip/zlib> as the file [zlib-1.0.4.tar.gz](#).

There is a homepage at <http://www.gzip.org/zlib/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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1.963 zlib 1.2.3 :29.e16

1.963.1 Available under license :

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

*/

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