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/\*

\* Marko Kiiskila carnil@cs.tut.fi

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## 1.2 autoconf 2.65

### 1.2.1 Available under license :

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Version 3, 29 June 2007

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```

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```
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```

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

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## 1.6 bcm\_boot\_launcher N/A

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# 1.7 binutils 2.21

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```

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

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Version 2, June 1991

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```
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```

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```
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\*\* dproxy.c -

\*\*

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loginrec.h  
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atomicio.c  
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\*

\* curve25519-donna: Curve25519 elliptic curve, public key function

\*

\* <http://code.google.com/p/curve25519-donna/>

\*

\* Adam Langley <agl@imperialviolet.org>

\*

\* Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>

\*

\* More information about curve25519 can be found here

\* <http://cr.yp.to/ecdh.html>

\*

\* djb's sample implementation of curve25519 is written in a special assembly language called qasm and uses the floating point registers.

\*

\* This is, almost, a clean room reimplementation from the curve25519 paper. It uses many of the tricks described therein. Only the crecip function is taken from the sample implementation.

\*/

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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!

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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# 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
__extenddftf2
__extendsftf2
__extendxftf2
__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__
__fixfti
#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
__lutf2
__multc3

```

```
__multf3
__negtf2
__netf2
__powtf2
__subtf3
__trunctdf2
__trunctsf2
__trunctxf2
__unordtf2
}
```

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Version 2.1, February 1999

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@item

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@end enumerate

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```
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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
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@c This file is intended to be included in another file.
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@display
Copyright @copyright{ } 1989, 1991 Free Software Foundation, Inc.
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@unnumberedsec Appendix: How to Apply These Terms to Your New Programs

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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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@end smallexample

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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
```

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@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
```

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consider it more useful to permit linking proprietary applications with the  
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Public License instead of this License.  
@c man end  
@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  
Copyright @copyright{ } 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.  
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@c This file is intended to be included within another document,  
@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  
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@c ispell-local-pdict: "ispell-dict"  
@c End:
```

```
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@node Library Copying  
@appendixsec GNU LESSER GENERAL PUBLIC LICENSE
```

```
@cindex LGPL, Lesser General Public License  
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```
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Jan 21, 2002

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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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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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Version 3, 29 June 2007

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```
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<signature of Ty Coon>, 1 April 1990  
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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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```
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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!

## 1.28 gmp 5.0.2

### 1.28.1 Available under license :

```
/* __gmp_replacement_vsnprintf -- for systems which don't have vsnprintf, or  
only have a broken one.
```

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```
#include "config.h"
```

```
#if ! HAVE_VSNPRINTF /* only need this file if we don't have vsnprintf */
```

```
#define _GNU_SOURCE /* for strlen prototype */
```

```
#if HAVE_STDARG
```

```
#include <stdarg.h>
```

```
#else
```

```
#include <varargs.h>
```

```
#endif
```

```
#include <ctype.h> /* for isdigit */
```



```

#include <stddef.h> /* for ptrdiff_t */
#include <string.h>
#include <stdio.h> /* for NULL */
#include <stdlib.h>

#if HAVE_FLOAT_H
#include <float.h> /* for DBL_MAX_10_EXP etc */
#endif

#if HAVE_INTTYPES_H
#include <inttypes.h> /* for intmax_t */
#else
# if HAVE_STDINT_H
# include <stdint.h>
# endif
#endif

#if HAVE_SYS_TYPES_H
#include <sys/types.h> /* for quad_t */
#endif

#include "gmp.h"
#include "gmp-impl.h"

/* Autoconf notes that AIX 4.3 has a broken strlen, but fortunately it
   doesn't affect us since __gmp_replacement_vsnprintf is not required on
   that system. */
#if !HAVE_STRNLEN
static size_t
strlen (const char *s, size_t n)
{
    size_t i;
    for (i = 0; i < n; i++)
        if (s[i] == '\0')
            break;
    return i;
}
#endif

/* The approach here is to parse the fmt string, and decide how much space
   it requires, then use vsprintf into a big enough buffer. The space
   calculated isn't an exact amount, but it's certainly no less than
   required.

   This code was inspired by GNU liberty/vasprintf.c but we support more
   datatypes, when available.

```

mingw32 - doesn't have vsnprintf, it seems. Because gcc is used a full set of types are available, but "long double" is just a plain IEEE 64-bit "double" and LDBL\_MAX\_EXP\_10 is correspondingly defined, so we avoid the big 15-bit exponent estimate. \*/

```
int
__gmp_replacement_vsnprintf (char *buf, size_t buf_size,
    const char *orig_fmt, va_list orig_ap)
{
    va_list ap;
    const char *fmt;
    size_t total_width, integer_sizeof, floating_sizeof, len;
    char fchar, type;
    int width, prec, seen_prec, double_digits, long_double_digits;
    int *value;

    /* preserve orig_ap for use after size estimation */
    va_copy (ap, orig_ap);

    fmt = orig_fmt;
    total_width = strlen (fmt) + 1; /* 1 extra for the '\0' */

    integer_sizeof = sizeof (long);
    #if HAVE_LONG_LONG
    integer_sizeof = MAX (integer_sizeof, sizeof (long long));
    #endif
    #if HAVE_QUAD_T
    integer_sizeof = MAX (integer_sizeof, sizeof (quad_t));
    #endif

    floating_sizeof = sizeof (double);
    #if HAVE_LONG_DOUBLE
    floating_sizeof = MAX (floating_sizeof, sizeof (long double));
    #endif

    /* IEEE double or VAX G floats have an 11 bit exponent, so the default is
    a maximum 308 decimal digits. VAX D floats have only an 8 bit
    exponent, but we don't bother trying to detect that directly. */
    double_digits = 308;
    #ifdef DBL_MAX_10_EXP
    /* but in any case prefer a value the compiler says */
    double_digits = DBL_MAX_10_EXP;
    #endif

    /* IEEE 128-bit quad, Intel 80-bit temporary, or VAX H floats all have 15
    bit exponents, so the default is a maximum 4932 decimal digits. */
    long_double_digits = 4932;
```

```

/* but if double == long double, then go with that size */
#if HAVE_LONG_DOUBLE
if (sizeof (double) == sizeof (long double))
    long_double_digits = double_digits;
#endif
#ifdef LDBL_MAX_10_EXP
/* but in any case prefer a value the compiler says */
long_double_digits = LDBL_MAX_10_EXP;
#endif

for (;;)
{
    fmt = strchr (fmt, '%');
    if (fmt == NULL)
break;
    fmt++;

    type = '\0';
    width = 0;
    prec = 6;
    seen_prec = 0;
    value = &width;

    for (;;)
    {
fchar = *fmt++;
switch (fchar) {

case 'c':
/* char, already accounted for by strlen(fmt) */
goto next;

case 'd':
case 'i':
case 'o':
case 'x':
case 'X':
case 'u':
/* at most 3 digits per byte in hex, dec or octal, plus a sign */
total_width += 3 * integer_sizeof + 1;

switch (type) {
case 'j':
/* Let's assume uintmax_t is the same size as intmax_t. */
#if HAVE_INTMAX_T
(void) va_arg (ap, intmax_t);
#else
ASSERT_FAIL (intmax_t not available);

```

```

#endif
    break;
case 'l':
    (void) va_arg (ap, long);
    break;
case 'L':
#if HAVE_LONG_LONG
    (void) va_arg (ap, long long);
#else
    ASSERT_FAIL (long long not available);
#endif
    break;
case 'q':
    /* quad_t is probably the same as long long, but let's treat
    it separately just to be sure. Also let's assume u_quad_t
    will be the same size as quad_t. */
#if HAVE_QUAD_T
    (void) va_arg (ap, quad_t);
#else
    ASSERT_FAIL (quad_t not available);
#endif
    break;
case 't':
#if HAVE_PTRDIFF_T
    (void) va_arg (ap, ptrdiff_t);
#else
    ASSERT_FAIL (ptrdiff_t not available);
#endif
    break;
case 'z':
    (void) va_arg (ap, size_t);
    break;
default:
    /* default is an "int", and this includes h=short and hh=char
    since they're promoted to int in a function call */
    (void) va_arg (ap, int);
    break;
}
goto next;

case 'E':
case 'e':
case 'G':
case 'g':
    /* Requested decimals, sign, point and e, plus an overestimate
    of exponent digits (the assumption is all the float is
    exponent!). */
    total_width += prec + 3 + floating_sizeof * 3;

```

```

    if (type == 'L')
    {
#if HAVE_LONG_DOUBLE
    (void) va_arg (ap, long double);
#else
    ASSERT_FAIL (long double not available);
#endif
    }
    else
    (void) va_arg (ap, double);
    break;

case 'f':
    /* Requested decimals, sign and point, and a margin for error,
       then add the maximum digits that can be in the integer part,
       based on the maximum exponent value. */
    total_width += prec + 2 + 10;
    if (type == 'L')
    {
#if HAVE_LONG_DOUBLE
    (void) va_arg (ap, long double);
    total_width += long_double_digits;
#else
    ASSERT_FAIL (long double not available);
#endif
    }
    else
    {
    (void) va_arg (ap, double);
    total_width += double_digits;
    }
    break;

case 'h': /* short or char */
case 'j': /* intmax_t */
case 'L': /* long long or long double */
case 'q': /* quad_t */
case 't': /* ptrdiff_t */
set_type:
    type = fchar;
    break;

case 'l':
    /* long or long long */
    if (type != 'l')
        goto set_type;
    type = 'L'; /* "ll" means "L" */
    break;

```

```

case 'n':
    /* bytes written, no output as such */
    (void) va_arg (ap, void *);
    goto next;

case 's':
    /* If no precision was given, then determine the string length
       and put it there, to be added to the total under "next". If
       a precision was given then that's already the maximum from
       this field, but see whether the string is shorter than that,
       in case the limit was very big. */
    {
        const char *s = va_arg (ap, const char *);
        prec = (seen_prec ? strlen (s, prec) : strlen (s));
    }
    goto next;

case 'p':
    /* pointer, let's assume at worst it's octal with some padding */
    (void) va_arg (ap, const void *);
    total_width += 3 * sizeof (void *) + 16;
    goto next;

case '%':
    /* literal %, already accounted for by strlen(fmt) */
    goto next;

case '#':
    /* showbase, at most 2 for "0x" */
    total_width += 2;
    break;

case '+':
case '-':
    /* sign, already accounted for under numerics */
    break;

case '!':
    /* left justify, no effect on total width */
    break;

case '.':
    seen_prec = 1;
    value = &prec;
    break;

case '*':

```

```

{
    /* negative width means left justify which can be ignored,
negative prec would be invalid, just use absolute value */
    int n = va_arg (ap, int);
    *value = ABS (n);
}
break;

case '0': case '1': case '2': case '3': case '4':
case '5': case '6': case '7': case '8': case '9':
    /* process all digits to form a value */
    {
        int n = 0;
        do {
n = n * 10 + (fchar-'0');
fchar = *fmt++;
        } while (isascii (fchar) && isdigit (fchar));
        fmt--; /* unget the non-digit */
        *value = n;
    }
    break;

default:
    /* incomplete or invalid % sequence */
    ASSERT (0);
    goto next;
}
}

next:
    total_width += width;
    total_width += prec;
}

if (total_width <= buf_size)
{
    vsprintf (buf, orig_fmt, orig_ap);
    len = strlen (buf);
}
else
{
    char *s;

    s = __GMP_ALLOCATE_FUNC_TYPE (total_width, char);
    vsprintf (s, orig_fmt, orig_ap);
    len = strlen (s);
    if (buf_size != 0)
{

```

```

size_t copylen = MIN (len, buf_size-1);
memcpy (buf, s, copylen);
buf[copylen] = '\0';
}
(*__gmp_free_func) (s, total_width);
}

/* If total_width was somehow wrong then chances are we've already
   clobbered memory, but maybe this check will still work. */
ASSERT_ALWAYS (len < total_width);

return len;
}

```

```
#endif /* !HAVE_VSNPRINTF */
```

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Version 3, 29 June 2007

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## 1.32 iproute2 2.6.23

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```

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 * A JavaScript implementation of the RSA Data Security, Inc. MD5 Message
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 * Other contributors: Greg Holt, Andrew Kepert, Ydnar, Lostinet
 * Distributed under the BSD License
 * See http://pajhome.org.uk/crypt/md5 for more info.
 */
```

# 1.36 Javascript ua 1.9

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```
/*
 * $Log: ua.js,v $
 * Revision 1.5.2.1 2012/08/07 04:08:40 emily
 * Update OLH to final version
 *
 * Revision 1.9 2002/07/22 14:06:21 bc6ix
 * fix license path, change version reporting to use 2 digits for each level
 *
 * Revision 1.8 2002/07/07 08:23:07 bc6ix
 * fix line endings
 *
 * Revision 1.7 2002/05/14 16:52:52 bc6ix
 * use CVS Log for revision history
 *
 *
 */

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# Boston, MA 02111-1307, USA.  
#  
*  
*  
* *****  
*/
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## 1.38 libdaemon 0.14

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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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*
* 2006-01-23 Andreas Florath <andreas@florath.net>
* Fix __set_verdict() that it can now handle payload.
*/
```

## 1.41 libnfnetlink 1.0.0

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```
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*
* (C) 2002-2006 by Harald Welte <laforge@gnumonks.org>
* (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>
*
* Based on some original ideas from Jay Schulist <jschlst@samba.org>
*
* Development of this code funded by Astaro AG (http://www.astaro.com)
*
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* of the gnu general public license, incorporated herein by reference.
*
* 2005-09-14 Pablo Neira Ayuso <pablo@netfilter.org>:
```

- \* Define structure nfnlhdr
- \* Added \_\_be64\_to\_cpu function
- \* Use NFA\_TYPE macro to get the attribute type
- \*
- \* 2006-01-14 Harald Welte <laforge@netfilter.org>:
- \* introduce nfnl\_subsys\_handle
- \*
- \* 2006-01-15 Pablo Neira Ayuso <pablo@netfilter.org>:
- \* set missing subsys\_id in nfnl\_subsys\_open
- \* set missing nfnlh->local.nl\_pid in nfnl\_open
- \*
- \* 2006-01-26 Harald Welte <laforge@netfilter.org>:
- \* remove bogus nfnlh->local.nl\_pid from nfnl\_open ;)
- \* add 16bit attribute functions
- \*
- \* 2006-07-03 Pablo Neira Ayuso <pablo@netfilter.org>:
- \* add iterator API
- \* add replacements for nfnl\_listen and nfnl\_talk
- \* fix error handling
- \* add assertions
- \* add documentation
- \* minor cleanups
- \*/

## 1.42 libpcap-1.1.1 libpcap-1.1.1

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\*

\* \$FreeBSD: src/sys/net80211/ieee80211.h,v 1.10 2005/07/22 16:55:27 sam Exp \$

\*/

/\*

\* pcap-linux.c: Packet capture interface to the Linux kernel

\*

\* Copyright (c) 2000 Torsten Landschoff <torsten@debian.org>

\* Sebastian Kraemer <kraemer@cs.uni-potsdam.de>

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\*  
 \* Modifications: Added PACKET\_MMAP support  
 \* Paolo Abeni <paolo.abeni@email.it>

\*  
 \* based on previous works of:  
 \* Simon Patarin <patarin@cs.unibo.it>  
 \* Phil Wood <cpw@lanl.gov>

\*  
 \* Monitor-mode support for mac80211 includes code taken from the iw  
 \* command; the copyright notice for that code is

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\* pcap-sita.c: Packet capture interface additions for SITA ACN devices

\*

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\* @(#) \$Id: arcnet.h,v 1.2 2001-04-24 02:17:52 guy Exp \$ (LBL)

\*

\* from: NetBSD: if\_arc.h,v 1.13 1999/11/19 20:41:19 thorpej Exp

\*/

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\*

\* @(#) \$Header: /tcpdump/master/libpcap/atmuni31.h,v 1.3 2007-10-22 19:28:58 guy Exp \$ (LBL)



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\* Basic USB data struct  
\* By Paolo Abeni <paolo.abeni@email.it>  
\*  
\* @(#) \$Header: /tcpdump/master/libpcap/pcap/usb.h,v 1.9 2008-12-23 20:13:29 guy Exp \$  
\*/

## 1.43 libtool 2.2.10

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for his contributions to the dvb-net driver

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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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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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```

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\* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.  
\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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```

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## 1.47 Izma 4.57

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LZMA SDK 4.57

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LZMA is default and general compression method of 7z format in 7-Zip compression program ([www.7-zip.org](http://www.7-zip.org)). LZMA provides high compression ratio and very fast decompression.

LZMA is an improved version of famous LZ77 compression algorithm. It was improved in way of maximum increasing of compression ratio, keeping high decompression speed and low memory requirements for decompressing.

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Version 2.1, February 1999

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## 1.49 m4 1.4.15

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```
@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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@end smallexample

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```
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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
```

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# 1.50 mksquashfs 4.2

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## 1.51 mpc 0.9

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Version 2.1, February 1999

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## 1.56 openswan 2.6.39

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The Debian package was created from scratch with some hints taken from previous freeswan packages by Tommi Virtanen and Aaron Johnson.

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\* lib/libdns/dst\_internal.h

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ppp-2.4.1/include/net/slcompress.h

ppp-2.4.1/include/net/vjcompress.h

ppp-2.4.1/modules/vjcompress.c

ppp-2.4.1/pppstats/pppstats.c

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ppp-2.4.1/include/linux/if\_pppvar.h

ppp-2.4.1/include/linux/if\_ppp.h

ppp-2.4.1/include/net/if\_ppp.h

ppp-2.4.1/pppd/auth.c

ppp-2.4.1/pppd/fsm.c

ppp-2.4.1/pppd/fsm.h

ppp-2.4.1/pppd/ipcp.c

ppp-2.4.1/pppd/ipcp.h

ppp-2.4.1/pppd/ipv6cp.c

ppp-2.4.1/pppd/ipv6cp.h

ppp-2.4.1/pppd/ipxcp.c

ppp-2.4.1/pppd/ipxcp.h

ppp-2.4.1/pppd/lcp.c

ppp-2.4.1/pppd/lcp.h

ppp-2.4.1/pppd/magic.c

ppp-2.4.1/pppd/magic.h

ppp-2.4.1/pppd/main.c

ppp-2.4.1/pppd/options.c

ppp-2.4.1/pppd/pppd.h

ppp-2.4.1/pppd/sys-linux.c

ppp-2.4.1/pppd/tty.c

ppp-2.4.1/pppd/upap.c

ppp-2.4.1/pppd/upap.h

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ppp-2.4.1/common/zlib.c

ppp-2.4.1/common/zlib.h

ppp-2.4.1/pppdump/zlib.c

ppp-2.4.1/pppdump/zlib.h

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ppp-2.4.1/pppd/auth.c

ppp-2.4.1/pppd/chap.c

ppp-2.4.1/pppd/chap.h

ppp-2.4.1/pppd/demand.c

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ppp-2.4.1/include/linux/if\_pppvar.h  
ppp-2.4.1/include/linux/ppp-comp.h  
ppp-2.4.1/include/linux/ppp\_defs.h  
ppp-2.4.1/include/net/ppp-comp.h  
ppp-2.4.1/include/net/ppp\_defs.h  
ppp-2.4.1/include/net/pppio.h  
ppp-2.4.1/modules/deflate.c  
ppp-2.4.1/modules/if\_ppp.c  
ppp-2.4.1/modules/ppp.c  
ppp-2.4.1/modules/ppp\_ahdlc.c  
ppp-2.4.1/modules/ppp\_comp.c  
ppp-2.4.1/pppd/ccp.c  
ppp-2.4.1/pppd/ccp.h  
ppp-2.4.1/pppd/sys-solaris.c  
ppp-2.4.1/pppd/sys-sunos4.c  
ppp-2.4.1/pppdump/deflate.c  
ppp-2.4.1/pppdump/ppp-comp.h  
ppp-2.4.1/solaris/ppp.c  
ppp-2.4.1/solaris/ppp\_ahdlc.c  
ppp-2.4.1/solaris/ppp\_comp.c  
ppp-2.4.1/solaris/ppp\_comp\_mod.c  
ppp-2.4.1/solaris/ppp\_mod.c  
ppp-2.4.1/svr4/ppp\_comp\_mod.c  
ppp-2.4.1/svr4/ppp\_mod.c

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ppp-2.4.1/pppd/chap.h

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ppp-2.4.1/pppd/eui64.c

ppp-2.4.1/pppd/eui64.h

ppp-2.4.1/pppd/ipv6cp.c

ppp-2.4.1/pppd/ipv6cp.h

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ppp-2.4.1/pppd/md5.c

ppp-2.4.1/pppd/md5.h

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ppp-2.4.1/modules/ppp\_ahdlc.c

ppp-2.4.1/pppd/sys-solaris.c

ppp-2.4.1/solaris/ppp\_ahdlc.c

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## 1.59 pptp 1.7.2

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an implementation of the PPTP protocol

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```
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Copyright (C) 19yy <name of author>
```

```
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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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## 1.60 radvd 1.8

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/\*

```
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```

```
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```
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```

```
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```
/*
 * libipq - backwards compatibility library for libnetfilter_queue
 *
 * (C) 2005 by Harald Welte <laforge@netfilter.org>
```

```

*
* Based on original libipq.c,
* Author: James Morris <jmorris@intercode.com.au>
* 07-11-2001 Modified by Fernando Anton to add support for IPv6.
* Copyright (c) 2000-2001 Netfilter Core Team
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*/
/* libnfnetlink.c: generic library for communication with netfilter
*
* (C) 2002-2006 by Harald Welte <laforge@gnumonks.org>
* (C) 2006 by Pablo Neira Ayuso <pablo@netfilter.org>
*
* Based on some original ideas from Jay Schulist <jschlst@samba.org>
*
* Development of this code funded by Astaro AG (http://www.astaro.com)
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*
* 2005-09-14 Pablo Neira Ayuso <pablo@netfilter.org>:
*   Define structure nfnlhdr
*   Added __be64_to_cpu function
*   Use NFA_TYPE macro to get the attribute type
*
* 2006-01-14 Harald Welte <laforge@netfilter.org>:
*   introduce nfnl_subsys_handle
*
* 2006-01-15 Pablo Neira Ayuso <pablo@netfilter.org>:
*   set missing subsys_id in nfnl_subsys_open
*   set missing nfnlh->local.nl_pid in nfnl_open
*
* 2006-01-26 Harald Welte <laforge@netfilter.org>:
*   remove bogus nfnlh->local.nl_pid from nfnl_open ;)
*   add 16bit attribute functions
*
* 2006-07-03 Pablo Neira Ayuso <pablo@netfilter.org>:
*   add iterator API
*   add replacements for nfnl_listen and nfnl_talk

```

```
* fix error handling
* add assertions
* add documentation
* minor cleanups
*/
/* iftable - table of network interfaces
*
* (C) 2004 by Astaro AG, written by Harald Welte <hwelte@astaro.com>
*
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*
*/
```

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/\*

Mode switching tool for controlling flip flop (multiple device) USB gear  
Version 1.0.5, 2009/08/26

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Command line parsing, decent usage/config output/handling, bugfixes and advanced options added by:  
Joakim Wennergren (jokedst) (gmail.com)

TargetClass parameter implementation to support new Option devices/firmware:  
Paul Hardwick (<http://www.pharscape.org>)

Created with initial help from:  
"usbsnoop2libusb.pl" by Timo Lindfors (<http://iki.fi/lindi/usb/usbsnoop2libusb.pl>)

Config file parsing stuff borrowed from:  
Guillaume Dargaud (<http://www.gdargaud.net/Hack/SourceCode.html>)

Hexstr2bin function borrowed from:  
Jouni Malinen ([http://hostap.epitest.fi/wpa\\_supplicant](http://hostap.epitest.fi/wpa_supplicant), from "common.c")

Code, fixes and ideas from:

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## 1.74 xtmrt 0.3

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## 1.75 xz 5.0.3

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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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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.]

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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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That's all there is to it!

/\*

\* zebra daemon main routine.

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\*

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