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Branches

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The purpose of this repository is for evaluating the GoAhead web server. This GPL licensed version is an earlier verion of the GoAhead Enterprise Edition Web Server and does not have all the features or fixes of the Enterprise Edition.

This version is suitable for evaluation and not for production use.

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See [LICENSE.md](LICENSE.md) and <https://www.embedthis.com/goahead/licensing.html> for details.

### Documentation

See <https://www.embedthis.com/goahead/doc/index.html>.

### Building from Source

You can build GoAhead with make, Visual Studio, Xcode or [MakeMe](<https://www.embedthis.com/makeme/>).

The IDE projects and Makefiles will build with SSL using the [MbedTLS](<https://github.com/ARMmbed/mbedtls>) TLS stack. To build with CGI, OpenSSL or other modules, read the [projects/README.md](projects/README.md) for details.

### To Build with Make

#### Linux or MacOS

make

or to see the commands as they are invoked:

```
make SHOW=1
```

You can pass make variables to tailor the build. For a list of variables:

```
make help
```

To run

```
make run
```

```
#### Windows
```

```
make
```

The make.bat script runs projects/windows.bat to locate the Visual Studio compiler. If you have setup your CMD environment for Visual Studio by running the Visual Studio vsvarsall.bat, then that edition of Visual Studio will be used. If not, windows.bat will attempt to locate the most recent Visual Studio version.

```
### To Build with Visual Studio
```

Open the solution file at:

```
projects/goahead-windows-default.sln
```

Then select Build -> Solution.

To run the debugger, right-click on the "goahead" project and set it as the startup project. Then modify the project properties and set the Debugging configuration properties. Set the working directory to be:

```
$(ProjectDir)\..\test
```

Set the arguments to be

```
-v
```

Then start debugging.

```
### To Build with Xcode.
```

Open the solution file:

```
projects/goahead-macosx-default.sln
```

Choose Product -> Scheme -> Edit Scheme, and select "Build" on the left of the dialog. Click the "+" symbol at the bottom in the center and then select all targets to be built. Before leaving this dialog, set the debugger options by selecting "Run/Debug" on the left hand side. Under "Info" set the Executable to be "goahead", set the launch arguments to be "-v" and set the working directory to be an absolute path to the "/test" directory in the goahead source. Then click "Close" to save.

Click Project -> Build to build.

Click Project -> Run to run.

### To build with MakeMe

To install MakeMe, download it from <https://www.embedthis.com/makeme/>.

```
./configure  
me
```

For a list of configure options:

```
./configure --help
```

### To run

```
me run
```

### To install

If you have built from source using Make or MakeMe, you can install the software using:

```
sudo make install
```

or

```
sudo me install
```

### To uninstall

```
sudo make uninstall
```

or

```
sudo me uninstall
```

### To test

```
me test
```

Resources

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- [GoAhead web site](<https://www.embedthis.com/goahead/>)
- [Embedthis web site](<https://www.embedthis.com/>)
- [GoAhead GitHub repository](<http://github.com/embedthis/goahead-gpl>)

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## 1.4 zlib 1.1.3

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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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