Installing Log4Delphi

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1. Extracting The Archive

The following instructions can be used for both binary and source distributions.

There are two archive versions available, a ZIP archive which may be extracted using a program like Winzip and a GNU-Zipped Tarball that can also be extracted using Winzip.

Extract the archive to a location of your choice. A resulting folder named `log4delphi-`*version* will contain the contents of the package.

2. Installing

There are two ways in which you can install and use Log4Delphi. The first is to install the package and the second is to simply include the source code in your application's code base. Both have pros and cons and should be carefully considered before making the decision.

2.1. Installing The Package

Installing the Log4Delphi package will make it available to be used in all your projects.

Using a binary distribution (`log4delphi-`*version*` -bin.`*archive*), the steps are:

1. Launch Delphi.
2. Select `Component > Install Packages` from the main menu.
3. Click the `Add` button.
4. Browse to where you extracted the archive and select the file named `log4delphi.bpl`, should be in the `bin/` directory.
5. You may need to add the compilation units to your library path. To do so, select `Tools > Environment Options` from the main menu.
6. Select the Library Tab and add the folder containing `log4delphi.bpl` to the library path.
7. You are ready to go!

2.2. Using The Source Code

This option is best for people who wish to add to or extend Log4Delphi or people who are busy developing Log4Delphi or people who wish to include Log4Delphi into their existing project's code base.

Using a source distribution (`log4delphi-`*version*` -src.`*archive*), the steps are:

1. Copy all the *.pas files from the `log4delphi\src\delphi` directory to your project's source directory (include the `util`) directory.

2. Launch Delphi and Open your project.
3. Select `Project > Add To Project` in the main menu.
4. In the dialog that opens, select all the Log4Delphi source files `*.pas` that you added earlier.
5. Click the `Open` button.
6. Now build your project.
7. You are ready to go!

3. Building Log4Delphi From Source

The source distribution containsa Makefile that can be used to build Log4Delphi from source. You can use Borland's Make which is installed automatically by Delphi.

Open a command prompt (MS-DOS Prompt) and navigate to the root source directory. Simply issue the command `make` and Log4Delphi will be built.

The Makefile will fail to complete and will not generate HTML documentation. This is because you need to have Apache Forrest installed and set up before running make. This is not required to build Log4Delphi, but if you wish to generate the HTML docs then you need to have it.