
Subject: Re: The power of Makefile

Posted by [masu](#) on Sun, 14 Feb 2010 20:08:14 GMT

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Hi,

Like I mentioned here:

<http://www.ultimatepp.org/forum/index.php?t=msg&th=4968&start=0&>

I took up Honza's tests with GNU make and I would like to extend the idea to have a Makefile for building arbitrary U++ packages.

The version I have at the moment is supporting packages that are located including all its prerequisite packages. It does not support building packages distributed over several assemblies, but for now the Makefile should be put into uppsrc assembly and can then be used to build TheIDE.

I have tested it with FreeBSD and Ubuntu. I have also tried it in OpenBSD, but there seem to be other problems not related to the make process. At least all parameters (i.e. source files, link libraries) were extracted correctly on that system, too.

Here is a checklist I would like to work on:

1. Add support for building from other directories (to only provide on Makefile in root directoy for source releases)
2. Add support for setting object files' output directory
3. Add support for package building over different assemblies

And of course any error fixing in the meantime if erros occur during testing.

Edit: I forgot to mention, that per default (if you just type make) TheIDE is build with GTK bindings and shared linking.

Tip: You van also build with make -jx where x is the number of parallel processes run by make. I used parameter -j2 on my Dual Core system.

Matthias

File Attachments

1) [Makefile.tbz](#), downloaded 336 times
