Subject: Re: how to use upp without the ide (what is the gcc command line?)
Posted by dolik.rce on Sun, 08 Aug 2010 20:52:29 GMT
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Hi Pixelou!

Your simple question unfortunately doesn't have simple answer.

To compile even such simple example, you have to compile over 200 files, from about 9 packages (think directories or projects). Each of them is usually compiled with several options - libryry paths, include paths and various flags - resulting in commands that are typicaly thousand characters long or so. That is definitely not something you would do manually, just by typing it to terminal

The easiest way you could reasonably use is to create the package in theide at first and export a Makefile (at the bottom of Build > Output mode ...). Then you can take this Makefile as a start point a develop your app from there just adjusting it to your needs. This is the simplest way, but you lose a lot of theide functionality (e.g. debug mode, modularity, blitz mode compiling, ...). Also there are some bugs in the export on non-windows platforms, so be aware if that is your case (I'll try to fix that in a near future, but for I can just warn you).

Second option I can point you to is also a makefile, but a more complex one. It uses full power of make to parse .upp files and compile them with most of the functionality of theide (only blitz mode is missing). The biggest caveat of this makefile is that it currently supports only linux (right now I work on major update adding support for BSD and fixing some known bugs). You can find it at http://code.google.com/p/upp-mirror/source/browse/trunk/uppb ox/lpbuild/Makefile. It requires some knowledge of theide terminology, but if you decide to use this solution, I am able to give you all the necessary support.

If you have some favourite IDE of your own which you want to use with upp, that might be a third option. If that IDE is flexible enough... You would have to set up paths and compile options to include everything necessary. The easiest way to get the idea what is necessary is to compile simple app in verbose mode (Setup > Be verbose), it will show you the full commands in the console at the bottom of theide. Since you are currageous enough to try using U++ without theide, I guess you know c++ quite well, so the command line should tell you everything you need.

Don't be afraid to ask further questions I am quite a fan of using U++ without theide, since I often work in environments without X server (and therefore my method of choice is number two...).

Best regards,
Honza