
Subject: 701-dev1 / 2007.1beta on Mac OSX
Posted by [kcabobert](#) on Sun, 21 Jan 2007 18:03:05 GMT
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I have been trying for a bit to get Upp up and running on OS X 10.4.8. I have noticed a few reports of people 'just compiling and running,' and I am curious if they have additional libraries installed.

My setup:

MacBook Pro: 2.16Ghz Core 2 Duo, 2Gb Ram, OS X 10.4.8
XCode / MacOSX10.4u SDK / X11 Extension (from DVD).

Self compiled

- Expat2.0.0,
- FreeType2.3.0,
- FontConfig2.4.2

all compiled cleanly and installed to /usr/lib

I have downloaded the 701-dev1 and 2007.1beta versions of UPP. I am using the Makefile located in the 'uppsrc/ide' directory in both cases. I can not get the 612-dev3 binary version of upp for Mac OSX to run... so all edits are done using vim.

The primary changes to the Makefile:

Set include paths to find fontconfig / freetype.

Adjust the link command (remove the --start-group / --end-group tags).

Added a couple libraries to the link list. (I think they were freetype/fontconfig/Xft/expat/Xrender)

I am down to one error:

```
/usr/bin/ld: Undefined symbols:  
vtable for Upp::BMPEncoder
```

I have tried adding a destructor... no help.

Does anyone have any thoughts? How about the people who have it running on OSX, what did you have to do?

Robert
