
Subject: Re: Upp 611-dev4 released
Posted by [lundman](#) on Tue, 05 Dec 2006 06:37:09 GMT
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Hello again!

Since I now inherited the OsX machine itself when my colleague quit, I thought I would check on how things are now. I managed to port it to OsX fine last time, but it had a few graphics glitches, but otherwise fully functional.

I have grabbed 611-dev4 to play with, here is a list of issues I have resolved, and moved on with:

Core/Core.h:

```
#ifdef flagOSX
    #define PLATFORM_OSX
    #define PLATFORM_POSIX
    #ifdef flagGUI
        #define PLATFORM_X11
    #endif

    #ifdef flagTESTLEAKS
        #define TESTLEAKS
    #endif

#endif
```

Draw/Draw.upp:

```
library(OSX) X11;

library(OSX !XLFD) "Xft fontconfig Xrender freetype expat";
```

All Makefile changes should be done in the ide, and re-export the Makefile. But I do not have an old ide version yet.

Ide/Makefile:

Macro = -DflagGUI -DflagGCC -DflagSHARED -DflagOSX -DflagPPC

CINC = -I\$(UPPDIR1) -I/usr/X11R6/include/
-I/usr/X11R6/include/freetype2 -I/opt/local/include/

OSX Does not like the
-Wl,O,2 =>

```
-Wl,--start-group \  
-Wl,--end-group  
just delete.
```

and add:

```
-lfontconfig \  
-lXrender \  
-lfreetype \  
-lpng
```

Core/Stream.h:

```
int    Get32le();  
int64  Get64le();
```

Add semi-colon.

Core/Stream.cpp line 154:

Defines *be() function again, when it should be *le().

```
int Stream::Get16le() {  
int Stream::Get32le() {  
int64 Stream::Get64le() {
```

Core/Stream.cpp: line 443-471

```
#ifdef CPU_BE  
//    SwapOrder(data, count);  
#endif
```

No such function.

Draw/Drawing.cpp: line 49-77

```
#ifndef CPU_LITTLE_ENDIAN  
//    BltSwapEndian4(out, out, count);  
#endif
```

No such function.

plugin/bmp/bmphdr.h

```
#ifdef CPU_BIG_ENDIAN
```

typo?

plugin/bmp/bmp.h:

Add "::" to EndianSwap, and put a cast on it:
::EndianSwap((dword&) xxxxx);
* many (12?)

CtrlLib/CtrlLib.upp:

uses(OSX) PdfDraw;

What I am currently stuck at is:

/usr/bin/ld: Undefined symbols:
TTFReader::TTFStream::operator%(int&)
TTFReader::TTFStream::operator%(unsigned int&)
TTFReader::TTFStream::operator%(short&)
TTFReader::TTFStream::operator%(unsigned short&)
FreeDll(void*)
LoadDll(String&, char const* const*, void* const*)
vtable for BMPEncoder
DumpLanguage(int)
DumpAlign(int)
DumpColor(Color)
collect2: ld returned 1 exit status