
Subject: Re: Build debian package on Debian/kFreeBSD

Posted by [vicxtor](#) on Sat, 09 Nov 2013 08:56:48 GMT

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Hi all,

I chang some compile config,

1. upp_5485.orig.tar.gz

upp-x11-src-5485/uppsrc/Core/config.h L44 ~ L46

from

```
#else
```

```
    #error Unknown OS
```

```
#endif
```

to

```
#else
```

```
    #define PLATFORM_LINUX 1
```

```
#endif
```

2. upp_5485-1~wheezy0.debian.tar.gz

debian/patches/debian-changes-5485-1~sid0

L402

from

```
@@ -0,0 +1,378 @@
```

to

```
@@ -0,0 +1,382 @@
```

L466 add 4 lines

```
+INCPATHS+= /usr/lib/i386-kfreebsd-gnu/glib-2.0/include
```

```
+INCPATHS+= /usr/lib/x86_64-kfreebsd-gnu/glib-2.0/include
```

```
+INCPATHS+= /usr/lib/i386-kfreebsd-gnu/gtk-2.0/include
```

```
+INCPATHS+= /usr/lib/x86_64-kfreebsd-gnu/gtk-2.0/include
```

3.

```
dpkg-source --no-check -x upp_5485-1~wheezy0.dsc
```

```
cd upp-5485
```

```
dpkg-buildpackage -rfakeboot -b
```

all files compiled successfully but have link errors

Linking /home/fenix/Downloads/upp-5485/ide

```
_out/Draw/DEBUG.DEBUG_FULL.GCC.GNU/KFREEBSD.GUI.POSIX/Draw.a (FontFc.cpp.o): In
function `Upp::sInitFt()':
/home/ferix/Downloads/upp-5485/uppsrc/Draw/FontFc.cpp:24: undefined reference to
`FT_Init_FreeType'
_out/Draw/DEBUG.DEBUG_FULL.GCC.GNU/KFREEBSD.GUI.POSIX/Draw.a (FontFc.cpp.o): In
function `Upp::CreateFcPattern(Upp::Font)':
/home/ferix/Downloads/up_out/CtrlCore/DEBUG.DEBUG_FULL.GCC.G
NU/KFREEBSD.GUI.POSIX/CtrlCore.a(DrawX11.cpp.o): In function `Upp::InitX11Draw(char
const*)':
/home/ferix/Downloads/upp-5485/uppsrc/CtrlCore/DrawX11.cpp:2 37: undefined reference to
`gtk_init'
/home/ferix/Downloads/upp-5485/uppsrc/CtrlCore/DrawX11.cpp:2 38: undefined reference to
`gtk_window_new'
/home/ferix/Downloads/upp-5485/uppsrc/CtrlCore/DrawX11.cpp:2 39: undefined reference to
`gtk_widget_get_display'
/home/ferix/Downloads/upp-5485/uppsrc/CtrlCore/DrawX11.cpp:2 40: undefined reference to
`gdk_x11_display_get_xdisplay'
p-5485/uppsrc/Draw/FontFc.cpp:33: undefined reference to `FcPatternCreate'
/home/ferix/Downloads/upp-5485/uppsrc/Draw/FontFc.cpp:34: undefined reference to
`FcPatternAddString'
/home/ferix/Downloads/upp-5485/uppsrc/Draw/FontFc.cpp:35: undefined reference to
`FcPatternAddInteger'
```

```
_out/CtrlCore/DEBUG.DEBUG_FULL.GCC.GNU/KFREEBSD.GUI.POSIX/Ct
rlCore.a(DrawTextX11.cpp.o): In function `Upp::GetXftFont(Upp::Font, int)':
/home/ferix/Downloads/upp-5485/uppsrc/CtrlCore/DrawTextX11.c pp:96: undefined reference to
`XftFontClose'
_out/CtrlCore/DEBUG.DEBUG_FULL.GCC.GNU/KFREEBSD.GUI.POSIX/Ct
rlCore.a(DrawTextX11.cpp.o): In function `Upp::XftGetFontInfoSys(Upp::Font)':
/home/ferix/Downloads/upp-5485/uppsrc/CtrlCore/DrawTextX11.c pp:124: undefined reference
to `FcPatternGetString'
_out/CtrlCore/DEBUG.DEBUG_FULL.GCC.GNU/KFREEBSD.GUI.POSIX/Ct
rlCore.a(DrawTextX11.cpp.o): In function `Upp::XftGetGlyphInfoSys(Upp::Font, int)':
/home/ferix/Downloads/upp-5485/uppsrc/CtrlCore/DrawTextX11.c pp:135: undefined reference
to `XftTextExtents16'
```

many similar messages like above.
libs are in /usr/lib/x86_64-kfreebsd-gnu

Do you know how to fix these issues ?

Thanks.
