
Subject: Re: Tarball issues

Posted by [Sender Ghost](#) on Sat, 14 Jan 2017 23:47:58 GMT

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amrein wrote on Sat, 14 January 2017 21:18: It's because freetype libraries on BSD are named differently (libttf.so* instead of libfreetype.so*). I found that running 'pkg info -l freetype'. I guess, that you installed outdated version of FreeType from print/freetype FreeBSD port, which has libttf.so library. The libfreetype.so library installed by print/freetype2 FreeBSD port. Example for v2.7.1:

```
% pkg info -l freetype2 | grep /lib
/usr/local/lib/libfreetype.a
/usr/local/lib/libfreetype.so
/usr/local/lib/libfreetype.so.6
/usr/local/lib/libfreetype.so.6.13.0
/usr/local/libdata/pkgconfig/freetype2.pc
% pkg-config freetype2 --libs
-L/usr/local/lib -lfreetype
```

As I understood, the exported Makefile (including for nightly builds) is done for Linux (with flag LINUX). The exported Makefile for FreeBSD (with flag BSD and flag FREEBSD) has other contents. Take a look at configuration of current revision of uppsrc/CtrlCore package (or with using TheIDE), for example:

Toggle excerpt from uppsrc/CtrlCore/CtrlCore.upp file
library(WIN32 !MSC8ARM) "advapi32 comdlg32 comctl32";

```
library((LINUX | BSD) & !NOGTK & !RAINBOW & !GTK3 & GUI) "gtk-x11-2.0 gdk-x11-2.0 atk-1.0
gdk_pixbuf-2.0 m pangocairo-1.0 fontconfig Xext Xrender Xinerama Xi Xrandr Xcursor
Xfixes pango-1.0 cairo X11 gobject-2.0 gmodule-2.0 glib-2.0";
```

```
library((LINUX | BSD) & GTK3) "gtk-3.0 gdk-3.0 atk-1.0 gdk_3.0 m pangocairo-1.0 fontconfig
Xext Xrender Xinerama Xi Xrandr Xcursor Xfixes pango-1.0 cairo X11 gobject-2.0
gmodule-2.0 glib-2.0";
```

```
library(WIN32 !MSC8ARM) "user32 gdi32";
```

```
library(LINUX !RAINBOW GUI) "X11 Xrender Xinerama";
```

```
library(LINUX !RAINBOW) dl;
```

```
library(LINUX !XLFD !RAINBOW GUI) Xft;
```

```
library(BSD !RAINBOW) "X11 Xau Xdmcp";
```

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

```
library(LINUX !XLFD !SHARED !RAINBOW GUI) "fontconfig Xrender freetype";
```

```
library(OSX11) "X11 Xft fontconfig Xrender freetype expat";
```

```
library(FREEBSD | DRAGONFLY) xcb;
```

```
library(POSIX !NOGTK !RAINBOW GUI) notify;
```

```
library(DRAGONFLY) "Xext Xinerama";
```

Perhaps, you trying to create some universal solution and already know about this information.

There is a devel/upp FreeBSD port, which used for installation of release version. If you look at its contents, you may understand, that it adapts exported Makefile for FreeBSD, uses related configuration flags and generate files for build methods.

There is also a devel/upp-nightly port on the forum for some nightly revision, which was created for other purposes. I updated it to current 10703 revision and it builds fine (on FreeBSD 10.3).
