
Subject: Re: MILESTONE: gtk3 replaces gtk2 as default linux backend

Posted by [amrein](#) on Mon, 20 Jan 2020 13:53:58 GMT

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I have three issues to report.

1. First, there are still references to gtk-2.0 in several files in svn.

The easier way to find them: 'grep -R --exclude-dir=.svn gtk-2.0 .'

2. Secondly, there is a typo in trunk/uppsrc/CtrlCore/CtrlCore.upp. xdmcp should be xdmcp I guess

3. Thirdly, I would like to understand this new strategy:

Extract of trunk/uppsrc/CtrlCore/CtrlCore.upp:

```
pkg_config(LINUX | FREEBSD) "freetype2 x11 xinerama xrender xft xdmcp fontconfig xcb xext";
```

```
pkg_config((LINUX | FREEBSD) !X11) "gtk+-3.0 libnotify";
```

So now U++ can be compiled with GTK dependencies only (GTK+libnotify) or GTK+X11 dependencies and we need pkg-config to compile CtrlCore?

"xinerama xrender xft xdmcp fontconfig xcb xext" are now mandatory for GTK+X11?

I need to understand this because current domake script is broken as:

- * umk on debian server doesn't use '((INCLUDES))' anymore in ~/.upp/theide/GCCMK.bm
- * exported Makefiles use pkg-config when using CtrlCore because of trunk/uppsrc/CtrlCore/CtrlCore.upp recent changes
- * U++ won't compile if pkg-config is not there because of missing default includes
- * Previously we only needed gtk3 x11 and libnotify

Extract of Makefile.in in new tarball snapshots:

```
CINC = -I./ `pkg-config --cflags freetype2` `pkg-config --cflags x11` `pkg-config --cflags fontconfig` `pkg-config --cflags xcb` `pkg-config --cflags expat` `pkg-config --cflags libpng` `pkg-config --cflags xinerama` `pkg-config --cflags xrender` `pkg-config --cflags xft` `pkg-config --cflags xdmcp` `pkg-config --cflags xext` `pkg-config --cflags gtk+-3.0` `pkg-config --cflags libnotify`
```

...

```
$(OutDir_plugin_bmp)BmpReg.o \  
$(OutDir_plugin_bmp)bmp.a \  
$(OutDir_RichText)RichText.a \  
`pkg-config --libs freetype2` \  

```

```
`pkg-config --libs x11` \  
`pkg-config --libs fontconfig` \  
`pkg-config --libs xcb` \  
`pkg-config --libs expat` \  
`pkg-config --libs libpng` \  
`pkg-config --libs xinerama` \  
`pkg-config --libs xrender` \  
`pkg-config --libs xft` \  
`pkg-config --libs xdmcp` \  
`pkg-config --libs xext` \  
`pkg-config --libs gtk+-3.0` \  
`pkg-config --libs libnotify` \  
-lbz2 \  
-lpthread \  
-ldl \  
-lrt \  
-lz -Wl,--end-group
```
