
Subject: IDE compilation error 'GdkDrawingContext' does not name a type

Posted by [deep](#) on Tue, 24 Mar 2020 11:36:53 GMT

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Hi

I am compiling IDE on freshly installed on lubuntu 16.04
upp 14178 and upp 14185

steps used

```
apt install libgtk-3-dev
```

```
sudo bash buildrequires.debian
```

```
./domake
```

I get following error

```
-----  
mkdir -p _out/RichText/GCCMK-Gcc-Gui-Linux-Posix-Shared/  
(date '+#define bmYEAR %y%n#define bmMONTH %-m%n#define bmDAY %-d%n#define  
bmHOUR %-H%n#define bmMINUTE %-M%n#define bmSECOND %-S%n#define bmTIME  
Time(%y, %-m, %-d, %-H, %-M, %-S)' && \  
echo '#define bmMACHINE "'hostname'" && \  
echo '#define bmUSER "'whoami'"') > build_info.h  
echo '#define bmSVN_REVISION "14178"' >> build_info.h  
echo '#define bmSVN_URL "svn://www.ultimatepp.org/upp/trunk/uppsrc/ide"' >> build_info.h  
g++ -c -x c++ -O3 -ffunction-sections -fdata-sections -std=c++14 -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` -DflagGUI -DflagGCC -DflagSHARED -DflagPOSIX  
-DflagLINUX -DflagMAIN ide/BaseDlg.cpp -o  
_out/ide/GCCMK-Gcc-Gui-Linux-Main-Posix-Shared/BaseDlg.o  
In file included from ./CtrlCore/CtrlCore.h:1655:0,  
    from ./CtrlLib/CtrlLib.h:4,  
    from ./ide/Common/Common.h:5,  
    from ide/ide.h:4,  
    from ide/BaseDlg.cpp:1:  
./CtrlCore/GtkAfter.h:3:2: error: 'GdkDrawingContext' does not name a type  
  GdkDrawingContext *ctx;  
  ^  
Makefile:587: recipe for target '_out/ide/GCCMK-Gcc-Gui-Linux-Main-Posix-Shared/BaseDlg.o'  
failed  
make: *** [_out/ide/GCCMK-Gcc-Gui-Linux-Main-Posix-Shared/BaseDlg.o] Error 1  
  
-----
```

Subject: Re: IDE compilation error 'GdkDrawingContext' does not name a type

Posted by [deep](#) on Tue, 24 Mar 2020 15:40:10 GMT

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Original from file "CtrlCore/GtkAfter.h"

```
class ViewDraw : public SystemDraw {  
#if GTK_CHECK_VERSION(3, 10, 0)  
    GdkDrawingContext *ctx;  
#endif
```

After searching in /usr/include/gtk-3.0 folder for GdkDrawingContext I could not find it.
I thought GtkDrawingArea may be the right thing.

After replacement as follows I could compile and run theide
Seems working fine. Request Mirek to review.

```
-- GdkDrawingContext *ctx;
```

```
++ GtkDrawingArea *ctx;
```
