
Subject: Re: Compilation error

Posted by [rafiwui](#) on Wed, 23 Aug 2017 10:43:10 GMT

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I finally found the problem or at least I did sth and now it compiled all the way through.

It would be nice if one of the admins of U++ could check this solution to solve this problem or if you could tell me what I did wrong if this is no problem of U++.

I did this with the nightly build upp-x11-src-11300 on a CentOS 6.9 machine.

So here is what I did if someone is facing a similiar error:

EDIT: Check out the ways more easier solution in the next reply.

1. Run make until you see this line (the actual compilation will start after this):

```
DOMAKE INFO: Found make. Compiling...
```

Use Ctrl+C to abort the compilation.

2. Open the domake file in an editor and remove the following lines:

```
log_debug_info "Configuring" uppsrc/*Makefile.in *.bm.in "with pkg-config"
```

```
if which pkg-config
```

```
then
```

```
  if [[ "$Flags" = *"NOGTK"* ]]
```

```
  then
```

```
    requires_libraries="x11 libnotify freetype2"
```

```
  else
```

```
    requires_libraries="gtk+-2.0 x11 libnotify freetype2"
```

```
  fi
```

```
library_list=""
```

```
for i in $requires_libraries
```

```
do
```

```
  if pkg-config --exists $i
```

```
  then
```

```
    library_list="$library_list $i"
```

```
    log_debug_info "pkg-config: Found library $i"
```

```
  else
```

```
    log_debug_warning "pkg-config: '$i' not found in $(pkg-config --variable pc_path pkg-config).
```

```
Do you need to install $i development package?"
```

```
  fi
```

```
done
```

```
for i in uppsrc/*Makefile.in
```

```

do
  sed -e "s@-I((INCLUDES))@\`pkg-config --cflags-only-I $library_list` @g" -e
"s@-L"((LIBRARIES))"\`pkg-config --libs-only-L $library_list` @g" "$i" > "${i%.in}"
done

for i in *.bm.in
do
  sed -e "s@((INCLUDES))@\`pkg-config --cflags-only-I $library_list|sed -e s/-I//g -e \"s/ /;/g\"` @g"
-e "s@((LIBRARIES))@\`pkg-config --libs-only-L $library_list|sed -e s/-L//g -e \"s/ /;/g\"` @g" "$i" >
"${i%.in}"
done

else
  log_debug_warning "Can't find pkg-config in PATH. Will do configuration without it. Compilation
will probably fail"
  log_debug_warning "If compilation fail because of missing include, please install pkg-config
before reporting"

  for i in uppsrc/*Makefile.in
  do
    sed -e "s@-I((INCLUDES))@@g" -e 's@-L"((LIBRARIES))"@ @g' "$i" > "${i%.in}"
  done

  for i in *.bm.in
  do
    sed -e "s@((INCLUDES));@@g" -e "s@((LIBRARIES));@@g" "$i" > "${i%.in}"
  done

fi

```

This won't corrupt the compilation because the pkg-config is already done if you did the first step. You can also use the attached file instead (the pkg-config part is commented out there)

3. Open uppsrc/Makefile and uppsrc/Makefile.in and add this line:

-lgthread-2.0

here:

```

# ...
$(OutFile): build_info \
$(OutDir_ide)BaseDlg.o \
$(OutDir_ide)SelectPkg.o \
$(OutDir_ide)UppWspc.o \
$(OutDir_ide)NewPackageFile.o \
$(OutDir_ide)UppDlg.o \
$(OutDir_ide)Template.o \
$(OutDir_ide)Console.o \

```

\$(OutDir_ide)FindFile.o \
\$(OutDir_ide)FindInFiles.o \
\$(OutDir_ide)Config.o \
\$(OutDir_ide)ide.o \
\$(OutDir_ide)idefile.o \
\$(OutDir_ide)EditorTabBar.o \
\$(OutDir_ide)Bottom.o \
\$(OutDir_ide)t.o \
\$(OutDir_ide)Cpp.o \
\$(OutDir_ide)Assist.o \
\$(OutDir_ide)DCopy.o \
\$(OutDir_ide)ContextGoto.o \
\$(OutDir_ide)GoToLine.o \
\$(OutDir_ide)Swaps.o \
\$(OutDir_ide)ParamInfo.o \
\$(OutDir_ide)Navigator.o \
\$(OutDir_ide)Annotations.o \
\$(OutDir_ide)Virtuals.o \
\$(OutDir_ide)Thisbacks.o \
\$(OutDir_ide)Jump.o \
\$(OutDir_ide)Setup.o \
\$(OutDir_ide)Custom.o \
\$(OutDir_ide)Print.o \
\$(OutDir_ide)Insert.o \
\$(OutDir_ide)idetool.o \
\$(OutDir_ide)Install.o \
\$(OutDir_ide)Android.o \
\$(OutDir_ide)idebar.o \
\$(OutDir_ide)idewin.o \
\$(OutDir_ide>About.o \
\$(OutDir_ide)Help.o \
\$(OutDir_ide)Macro.o \
\$(OutDir_ide)OnlineSearch.o \
\$(OutDir_ide)Errors.o \
\$(OutDir_ide)Calc.o \
\$(OutDir_ide)FormatCode.o \
\$(OutDir_ide)Abbr.o \
\$(OutDir_ide)Qtf.o \
\$(OutDir_ide)Xml.o \
\$(OutDir_ide)Json.o \
\$(OutDir_ide)MacroManager.o \
\$(OutDir_ide)Update.o \
\$(OutDir_ide)MethodsCtrls.o \
\$(OutDir_ide)Methods.o \
\$(OutDir_ide)AutoSetup.o \
\$(OutDir_ide)InstantSetup.o \
\$(OutDir_ide)OutputMode.o \
\$(OutDir_ide)Build.o \

\$(OutDir_ide)Debug.o \
\$(OutDir_ide)Valgrind.o \
\$(OutDir_ide)Export.o \
\$(OutDir_ide_Common)Common.a \
\$(OutDir_ide_Core)Core.a \
\$(OutDir_ide_LayDes)LayDes.a \
\$(OutDir_ide_IconDes)IconDes.a \
\$(OutDir_ide_Builders)Builders.a \
\$(OutDir_ide_Debuggers)Debuggers.a \
\$(OutDir_ide_Browser)Browser.a \
\$(OutDir_CodeEditor)CodeEditor.a \
\$(OutDir_CtrlLib)CtrlLib.a \
\$(OutDir_plugin_bz2)bz2.a \
\$(OutDir_HexView)HexView.a \
\$(OutDir_art_BlueBar)BlueBar.a \
\$(OutDir_plugin_astyle)astyle.a \
\$(OutDir_usvn)usvn.a \
\$(OutDir_TextDiffCtrl)TextDiffCtrl.a \
\$(OutDir_TabBar)TabBar.a \
\$(OutDir_ide_Designers)Designers.a \
\$(OutDir_ide_Android)Android.a \
\$(OutDir_ide_Java)Java.a \
\$(OutDir_ide_MacroManager)MacroManager.a \
\$(OutDir_ide_SrcUpdater)SrcUpdater.a \
\$(OutDir_Esc)Esc.a \
\$(OutDir_plugin_lzma)lzma.a \
\$(OutDir_plugin_lz4)lz4.a \
\$(OutDir_plugin_zstd)zstd.a \
\$(OutDir_Core)Core.a \
\$(OutDir_RichEdit)RichEdit.a \
\$(OutDir_IconDes)IconDes.a \
\$(OutDir_plugin_gif)gif.o \
\$(OutDir_plugin_gif)gif.a \
\$(OutDir_plugin_jpg)jpgreg.o \
\$(OutDir_plugin_jpg)jpg.a \
\$(OutDir_Painter)PainterInit.o \
\$(OutDir_Painter)Painter.a \
\$(OutDir_Draw)Draw.a \
\$(OutDir_CppBase)CppBase.a \
\$(OutDir_PdfDraw)PdfInit.o \
\$(OutDir_PdfDraw)PdfDraw.a \
\$(OutDir_plugin_pcre)pcre.a \
\$(OutDir_CtrlCore)CtrlCore.a \
\$(OutDir_plugin_bmp)BmpReg.o \
\$(OutDir_plugin_bmp)bmp.a \
\$(OutDir_RichText)RichText.a \
\$(OutDir_plugin_png)pngreg.o \
\$(OutDir_plugin_png)png.a

```
$(LINKER) -o "$(OutFile)" -WI,-s $(LIBPATH) -WI,-O,2 $(LDFLAGS) -WI,--start-group \  
$(OutDir_ide)BaseDlg.o \  
$(OutDir_ide)SelectPkg.o \  
$(OutDir_ide)UppWspc.o \  
$(OutDir_ide)NewPackageFile.o \  
$(OutDir_ide)UppDlg.o \  
$(OutDir_ide)Template.o \  
$(OutDir_ide)Console.o \  
$(OutDir_ide)FindFile.o \  
$(OutDir_ide)FindInFiles.o \  
$(OutDir_ide)Config.o \  
$(OutDir_ide)ide.o \  
$(OutDir_ide)idefile.o \  
$(OutDir_ide)EditorTabBar.o \  
$(OutDir_ide)Bottom.o \  
$(OutDir_ide)t.o \  
$(OutDir_ide)Cpp.o \  
$(OutDir_ide)Assist.o \  
$(OutDir_ide)DCopy.o \  
$(OutDir_ide)ContextGoto.o \  
$(OutDir_ide)GoToLine.o \  
$(OutDir_ide)Swaps.o \  
$(OutDir_ide)ParamInfo.o \  
$(OutDir_ide)Navigator.o \  
$(OutDir_ide)Annotations.o \  
$(OutDir_ide)Virtuals.o \  
$(OutDir_ide)Thisbacks.o \  
$(OutDir_ide)Jump.o \  
$(OutDir_ide)Setup.o \  
$(OutDir_ide)Custom.o \  
$(OutDir_ide)Print.o \  
$(OutDir_ide)Insert.o \  
$(OutDir_ide)idetool.o \  
$(OutDir_ide)Install.o \  
$(OutDir_ide)Android.o \  
$(OutDir_ide)idebar.o \  
$(OutDir_ide)idewin.o \  
$(OutDir_ide>About.o \  
$(OutDir_ide)Help.o \  
$(OutDir_ide)Macro.o \  
$(OutDir_ide)OnlineSearch.o \  
$(OutDir_ide)Errors.o \  
$(OutDir_ide)Calc.o \  
$(OutDir_ide)FormatCode.o \  
$(OutDir_ide)Abbr.o \  
$(OutDir_ide)Qtf.o \  
$(OutDir_ide)Xml.o \  
$(OutDir_ide)Json.o \  

```

\$(OutDir_ide)MacroManager.o \
\$(OutDir_ide)Update.o \
\$(OutDir_ide)MethodsCtrls.o \
\$(OutDir_ide)Methods.o \
\$(OutDir_ide)AutoSetup.o \
\$(OutDir_ide)InstantSetup.o \
\$(OutDir_ide)OutputMode.o \
\$(OutDir_ide)Build.o \
\$(OutDir_ide)Debug.o \
\$(OutDir_ide)Valgrind.o \
\$(OutDir_ide)Export.o \
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\$(OutDir_ide_Core)Core.a \
\$(OutDir_ide_LayDes)LayDes.a \
\$(OutDir_ide_IconDes)IconDes.a \
\$(OutDir_ide_Builders)Builders.a \
\$(OutDir_ide_Debuggers)Debuggers.a \
\$(OutDir_ide_Browser)Browser.a \
\$(OutDir_CodeEditor)CodeEditor.a \
\$(OutDir_CtrlLib)CtrlLib.a \
\$(OutDir_plugin_bz2)bz2.a \
\$(OutDir_HexView)HexView.a \
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\$(OutDir_plugin_astyle)astyle.a \
\$(OutDir_usvn)usvn.a \
\$(OutDir_TextDiffCtrl)TextDiffCtrl.a \
\$(OutDir_TabBar)TabBar.a \
\$(OutDir_ide_Designers)Designers.a \
\$(OutDir_ide_Android)Android.a \
\$(OutDir_ide_Java)Java.a \
\$(OutDir_ide_MacroManager)MacroManager.a \
\$(OutDir_ide_SrcUpdater)SrcUpdater.a \
\$(OutDir_Esc)Esc.a \
\$(OutDir_plugin_lzma)lzma.a \
\$(OutDir_plugin_lz4)lz4.a \
\$(OutDir_plugin_zstd)zstd.a \
\$(OutDir_Core)Core.a \
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\$(OutDir_IconDes)IconDes.a \
\$(OutDir_plugin_gif)gif.o \
\$(OutDir_plugin_gif)gif.a \
\$(OutDir_plugin_jpg)jpgreg.o \
\$(OutDir_plugin_jpg)jpg.a \
\$(OutDir_Painter)PainterInit.o \
\$(OutDir_Painter)Painter.a \
\$(OutDir_Draw)Draw.a \
\$(OutDir_CppBase)CppBase.a \
\$(OutDir_PdfDraw)PdfInit.o \

```
$(OutDir_PdfDraw)PdfDraw.a \  
$(OutDir_plugin_pcre)pcre.a \  
$(OutDir_CtrlCore)CtrlCore.a \  
$(OutDir_plugin_bmp)BmpReg.o \  
$(OutDir_plugin_bmp)bmp.a \  
$(OutDir_RichText)RichText.a \  
$(OutDir_plugin_png)pngreg.o \  
$(OutDir_plugin_png)png.a \  
-lbz2 \  
-lpthread \  
-ldl \  
-lrt \  
-lz \  
-ldl \  
-lfreetype \  
-lfontconfig \  
-lexpat \  
-lgtk-x11-2.0 \  
-lgdk-x11-2.0 \  
-latk-1.0 \  
-lgdk_pixbuf-2.0 \  
-lm \  
-lpangocairo-1.0 \  
-lfontconfig \  
-lXext \  
-lXrender \  
-lXinerama \  
-lXi \  
-lXrandr \  
-lXcursor \  
-lXfixes \  
-lpango-1.0 \  
-lcairo \  
-lX11 \  
-lobject-2.0 \  
-lgmodule-2.0 \  
-lglib-2.0 \  
-lX11 \  
-lXrender \  
-lXinerama \  
-ldl \  
-lXft \  
-lnotify \  
-lpng \  
-lgthread-2.0 -Wl,--end-group # Here is the change # with the new part here
```

```
$(OutDir_ide):  
mkdir -p $(OutDir_ide)
```

...

I will not attach these files because they are partially generated by the pkg-config.

4. Run make again and it should compile without a problem.

File Attachments

1) [domake](#), downloaded 304 times
