
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)Virtuels.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_pcres)pcres.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)Virtuels.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 \
$(OutDir_ide)idetool.o \
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$(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)jgreg.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_pcres)pcres.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 \
-lgobject-2.0 \
-lgmodule-2.0 \
-lglib-2.0 \
-lX11 \
-lXrender \
-lXinerama \
-ldl \
-lXft \
-lnotify \
-lpng # Here is the change
-lgthread-2.0 -Wl,--end-group # 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 256 times
