
Subject: Linux Suse 10.2 build problem

Posted by [womail](#) on Sun, 27 May 2007 23:05:10 GMT

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Hi,

When I try to build a program the build fails. Output below. I am missing libraries ?? I have added all missing libraries to the include path.

Does anyone have any idea to to resolve this.

Thanks

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp: In function 'Upp::Image Upp::GetGTK(GtkWidget*,
int, int, const char*, int, int, int)':
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:87: error: 'GdkPixbuf' was not declared in this
scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:87: error: 'icon' was not declared in this scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:91: error: 'GtkIconSize' was not declared in this
scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:91: error: 'gtk_widget_render_icon' was not
declared in this scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:93: error: 'gdk_pixbuf_get_width' was not
declared in this scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:94: error: 'gdk_pixbuf_get_height' was not
declared in this scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:110: error: invalid initialization of reference of type
'GdkRectangle&' from expression of type
```

```
'GtkAllocation'
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:122: error: 'gdk_x11_colormap_foreign_new'
was not declared in this scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:124: error: 'gdk_drawable_set_colormap' was
not declared in this scope
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:138: error: invalid conversion from 'const char*'
to 'gchar*
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:138: error: initializing argument 7 of 'void
gtk_paint_box(GtkStyle*, GdkWindow*, GtkStateType
, GtkShadowType, GdkRectangle*, GtkWidget*, gchar*, gint, gint, gint, gint)'
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:143: error: invalid conversion from 'const char*'
to 'gchar*
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:143: error: initializing argument 7 of 'void
gtk_paint_check(GtkStyle*, GdkWindow*, GtkStateTy
pe, GtkShadowType, GdkRectangle*, GtkWidget*, gchar*, gint, gint, gint, gint)'
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:148: error: invalid conversion from 'const char*'
to 'gchar*
```

```
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:148: error: initializing argument 7 of 'void
```

```
gtk_paint_option(GtkStyle*, GdkWindow*, GtkStateT
ype, GtkShadowType, GdkRectangle*, GtkWidget*, gchar*, gint, gint, gint, gint)'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:153: error: invalid conversion from 'const char*'
to 'gchar*'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:153: error: initializing argument 7 of 'void
gtk_paint_arrow(GtkStyle*, GdkWindow*, GtkStateTy
pe, GtkShadowType, GdkRectangle*, GtkWidget*, gchar*, GtkArrowType, gboolean, gint, gint,
gint, gint)'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:159: error: invalid conversion from 'const char*'
to 'gchar*'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:159: error: initializing argument 7 of 'void
gtk_paint_slider(GtkStyle*, GdkWindow*, GtkStateT
ype, GtkShadowType, GdkRectangle*, GtkWidget*, gchar*, gint, gint, gint, gint,
GtkOrientation)'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:162: error: 'gdk_draw_pixbuf' was not declared
in this scope
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:171: error: 'g_object_unref' was not declared in
this scope
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:176: error: 'g_object_unref' was not declared in
this scope
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp: In function 'void Upp::ChGtkNew(GtkWidget*,
const char*, int)':
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:210: error: 'gtk_widget_get_parent' was not
declared in this scope
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp: In function 'int Upp::GtkInt(GtkWidget*, const
char*)':
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:333: error: 'gtk_widget_style_get' was not
declared in this scope
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp: In function 'void Upp::ChHostSkin()':
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:454: error: 'gtk_settings_get_default' was not
declared in this scope
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:454: error: 'g_object_get' was not declared in
this scope
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:510: error: 'struct _GtkToggleButton' has no
member named 'inconsistent'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:518: error: 'struct _GtkToggleButton' has no
member named 'inconsistent'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:523: error: 'struct _GtkToggleButton' has no
member named 'inconsistent'
/home/user1/upp/uppsrc/CtrlLib/ChGtk.cpp:747: error: 'gtk_widget_style_get' was not
declared in this scope
CtrlLib: 49 file(s) built in (0:54.67), 1115 msecs / file, duration = 55144 msecs, parallelization
100%
```

There were errors. (0:55.14)

Subject: Re: Linux Suse 10.2 build problem
Posted by [mirek](#) on Mon, 28 May 2007 15:40:37 GMT
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I think you do not have installed gtk development headers (or not in include path).

Subject: Re: Linux Suse 10.2 build problem
Posted by [jlfranks](#) on Fri, 01 Jun 2007 03:59:58 GMT
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I had the same problem even after loading all the required software packages onto openSuSE 10.2.

SuSE puts them where UPP is not looking.
They are put in /opt/gnome under various directories.

I found two different ways of solving the problem.

- 1) Modify the path used in the makefile used to build the distribution
- 2) Put symbolic links pointing back to the SuSE installed areas for various of the elements.

The first method I used on SuSE 10.0. The second I used on SuSE 10.2. Either way worked for me.

Please find attached the make file for upp-2007.1/uppsrc/ide which I modified for a build on SuSE 10.0

--jlf

File Attachments

1) [Makefile](#), downloaded 503 times

Subject: Re: Linux Suse 10.2 build problem
Posted by [ebojd](#) on Fri, 01 Jun 2007 14:21:57 GMT
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This is related to the pkg-config issues discussed previously. You can take the output from that and freetype-config and put them in the CINC and LIBS variables of the Makefile during upp compilation. Here is an old example from portage:

```
if use truetype ; then
  CINC="${CINC} `freetype-config --cflags`"
  LIBS="${LIBS} `freetype-config --libs`"
fi
```

```
if use gtk2 ; then
  CINC="${CINC} `pkg-config gtk+-2.0 --cflags`"
  LIBS="${LIBS} `pkg-config gtk+-2.0 --libs`"
else
  CINC= "-DNOGTK" # not sure this is correct
fi
```

This will then properly align the stars...

Hope that helps.

EBo --

ps: I was hoping to integrate this back into the Makefile export generator, but will have to put that off until I get a couple of projects out for beta testing...
