
Subject: Re: Running a CtrlLib application "headless"

Posted by [mirek](#) on Mon, 22 Oct 2012 07:23:57 GMT

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nixnixnix wrote on Mon, 22 October 2012 00:16Hi,

I managed to get it to build under Windows but under Linux I can compile but not link. I have copied the uppbbox files to /home/nick/upp/uppbbox/ but I suspect I need to do something to tell theIDE to use them

I get the following link errors:

----- plugin/bz2 (MT OCOE PRO AC CLIENT_MIT HEADLESS RAINBOW SKELETON GCC SHARED LINUX POSIX) (22 / 23)

----- OpenWind (MT OCOE PRO AC CLIENT_MIT HEADLESS RAINBOW SKELETON MAIN GCC SHARED LINUX POSIX) (23 / 23)

Linking...

/home/nick/.upp/_out/trunk/CtrlLib/GCC4.Ac.Client_Mit.Headless.Mt.Ocoe.Pro.Rainbow.Shared.Skeleton/CtrlLib.a(ChGtk0.o): In function `Upp::gtk__parent()':

ChGtk0.cpp:(.text._ZN3Upp11gtk__parentEv+0x11): undefined reference to `gtk_window_new'

ChGtk0.cpp:(.text._ZN3Upp11gtk__parentEv+0x20): undefined reference to `gtk_widget_realize'

/home/nick/.upp/_out/trunk/CtrlLib/GCC4.Ac.Client_Mit.Headless.Mt.Ocoe.Pro.Rainbow.Shared.Skeleton/CtrlLib.a(ChGtk0.o): In function `Upp::Setup(_GtkWidget*)':

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x12): undefined reference to `gtk_fixed_new'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x21): undefined reference to `gtk_container_get_type'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x34): undefined reference to `g_type_check_instance_cast'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x3f): undefined reference to `gtk_container_add'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x4b): undefined reference to `gtk_widget_realize'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x50): undefined reference to `gtk_fixed_get_type'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x5f): undefined reference to `g_type_check_instance_cast'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x6e): undefined reference to `gtk_fixed_put'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x76): undefined reference to `gtk_widget_realize'

ChGtk0.cpp:(.text._ZN3Upp5SetupEP10_GtkWidget+0x7e): undefined reference to `gtk_widget_show'

/home/nick/.upp/_out/trunk/CtrlLib/GCC4.Ac.Client_Mit.Headless.Mt.Ocoe.Pro.Rainbow.Shared.Skeleton/CtrlLib.a(ChGtk0.o): In function `Upp::GtkInt(_GtkWidget*, char const*)':

ChGtk0.cpp:(.text._ZN3Upp6GtkIntEP10_GtkWidgetPKc+0x16): undefined reference to `gtk_widget_style_get'

```
/home/nick/.upp/_out/trunk/CtrlLib/GCC4.Ac.Client_Mit.Headless.Mt.Ocoe.Pro.Rainbow.Shared.S
keleton/CtrlLib.a(ChGtk0.o): In function `Upp::ChGtkColor(int, _GtkWidget*):
ChGtk0.cpp:(.text._ZN3Upp10ChGtkColorEiP10_GtkWidget+0xe): undefined reference to
`gtk_widget_get_style'
/home/nick/.upp/_out/trunk/CtrlLib/GCC4.Ac.Client_Mit.Headless.Mt.Ocoe.Pro.Rainbow.Shared.S
keleton/CtrlLib.a(ChGtk0.o): In function `Upp::GtkStyleInt(char const*):
ChGtk0.cpp:(.text._ZN3Upp11GtkStyleIntEPKc+0x11): undefined reference to
`gtk_settings_get_default'
ChGtk0.cpp:(.text._ZN3Upp11GtkStyleIntEPKc+0x25): undefined reference to `g_object_get'
/home/nick/.upp/_out/trunk/CtrlLib/GCC4.Ac.Client_Mit.Headless.Mt.Ocoe.Pro.Rainbow.Shared.S
keleton/CtrlLib.a(ChGtk0.o): In function `
There were errors. (0:02.09)
```

Ty adding NOGTK flag.

(Although, in fact, it should not be needed... - I am pretty sure that upbbox/upweb compiles without it in linux)
