
Subject: Need help compiling UPP tarball on Linux Mint 17 Qiana

Posted by [jfranks](#) on Wed, 17 Sep 2014 12:12:35 GMT

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Hi,

I'm trying to compile the latest UPP tarball on a 64 bit Linux Mint 17 Qiana and ran into an error building from the command line. Can someone help?

g++ --version = g++ (Ubuntu 4.8.2-19ubuntu1) 4.8.2

So far I've installed additional libraries to resolve some build errors like missing header files.

Linux: install build-essential package

Linux: install zlib-dev

Linux: install libghc-gtk-dev

make from command line now produces the following error, which I don't know how to resolve:

... snip ...

```
mkdir -p _out/plugin/bmp//home/upp/Scripts/GCCMK.bm-Gcc-Gui-Linux-Mt-Posix-Shared/
```

```
mkdir -p _out/RichText//home/upp/Scripts/GCCMK.bm-Gcc-Gui-Linux-Mt-Posix-Shared/
```

```
mkdir -p _out/plugin/png//home/upp/Scripts/GCCMK.bm-Gcc-Gui-Linux-Mt-Posix-Shared/
```

```
c++ -c -x c++ -O3 -ffunction-sections -fdata-sections -I./ -I/usr/include/gtk-2.0
```

```
-I/usr/lib/x86_64-linux-gnu/gtk-2.0/include -I/usr/include/atk-1.0 -I/usr/include/cairo
```

```
-I/usr/include/gdk-pixbuf-2.0 -I/usr/include/pango-1.0 -I/usr/include/gio-unix-2.0/
```

```
-I/usr/include/freetype2 -I/usr/include/glib-2.0 -I/usr/lib/x86_64-linux-gnu/glib-2.0/include
```

```
-I/usr/include/pixman-1 -I/usr/include/libpng12 -I/usr/include/harfbuzz -I/usr/include/freetype2
```

```
-I/usr/include/gtk-2.0 -I/usr/include/glib-2.0 -I/usr/lib/glib-2.0/include -I/usr/lib/gtk-2.0/include
```

```
-I/usr/include/cairo -I/usr/include/pango-1.0 -I/usr/include/atk-1.0 -I/usr/X11R6/include
```

```
-I/usr/X11R6/include/freetype2 -I/usr/X11R6/include/gtk-2.0 -I/usr/X11R6/include/glib-2.0
```

```
-I/usr/X11R6/lib/glib-2.0/include -I/usr/X11R6/lib/gtk-2.0/include -I/usr/X11R6/include/cairo
```

```
-I/usr/X11R6/include/pango-1.0 -I/usr/X11R6/include/atk-1.0 -I/usr/include/gdk-pixbuf-2.0
```

```
-DflagGUI -DflagMT -DflagGCC -DflagSHARED -DflagLINUX -DflagPOSIX -DflagMAIN
```

```
ide/BaseDlg.cpp -o _out/ide//home/upp/Scripts/GCCMK.bm-Gcc-Gui-Linux-Main-Mt-Posix-Shared/BaseDlg.o
```

```
ide/BaseDlg.o
```

```
In file included from ./ide/Core/Core.h:4:0,
```

```
    from ./ide/Common/Common.h:4,
```

```
    from ide/ide.h:4,
```

```
    from ide/BaseDlg.cpp:1:
```

```
./Esc/Esc.h: In member function 'bool Upp::EscValue::IsNumber() const':
```

```
./Esc/Esc.h:57:91: error: no matching function for call to 'findarg(const int&, Upp::<anonymous enum>, Upp::<anonymous enum>)'
```

```
    bool                IsNumber() const    { return findarg(type, ESC_DOUBLE, ESC_INT64) >= 0; }  
                                                ^
```

```
./Esc/Esc.h:57:91: note: candidates are:
```

```
In file included from ./Core/Core.h:244:0,
```

```
    from ./Esc/Esc.h:4,
```

```
    from ./ide/Core/Core.h:4,
```

```
        from ./ide/Common/Common.h:4,
        from ide/ide.h:4,
        from ide/BaseDlg.cpp:1:
./Core/Defs.h:244:5: note: template<class T, class T1> int Upp::findarg(const T&, const T1&)
int findarg(const T& x, __List##l(E__NFValue)) \
    ^
./Core/Defs.h:53:22: note: in expansion of macro 'E__NFBody'
#define __Expand1(x) x(1)
    ^
./Core/Defs.h:54:23: note: in expansion of macro '__Expand1'
#define __Expand2(x) __Expand1(x) x(2)
    ^
... snip ....
```

Where should I look to try and resolve this issue?

regards,
Jeff Franks

Subject: Re: Need help compiling UPP tarball on Linux Mint 17 Qiana
Posted by [mirek](#) on Thu, 18 Sep 2014 06:46:56 GMT
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Download a new tarball... :)

You was unlucky enough to hit the broken one. Was fixed yesterday.

Mirek

Subject: Re: Need help compiling UPP tarball on Linux Mint 17 Qiana
Posted by [jfranks](#) on Fri, 19 Sep 2014 12:23:04 GMT
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Yes, that resolved the problem.

I switched to upp-x11-src-7699.tar.gz.
This is now built, installed, and theide runs okay.

I compiled the animated hello world and it works.

Thank you for your help.

regards,
Jeff Franks
