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-Po six-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-Po
six-Shared/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##I(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