Subject: Unable to compile examples using g++ 5.3.0
Posted by tomas on Sat, 27 Feb 2016 22:15:30 GMT
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Hello again.

I can now build upp and theide using the nightly builds on my Arch linux machine but instead I'm having problems with the examples which I suspect is caused by a recent upgrade of gcc/g++ to 5.3.0 in my system.
The error messages starts with:

```
----- CtrlLib ( GUI GCC DEBUG SHARED DEBUG_FULL BLITZ LINUX POSIX ) (1 / 10)
BLITZ: LabelBase.cpp Button.cpp Switch.cpp EditField.cpp Text.cpp LineEdit.cpp DocEdit.cpp
ScrollBar.cpp HeaderCtrl.cpp ArrayCtrl.cpp MultiButton.cpp PopupTable.cpp DropList.cpp
DropChoice.cpp Static.cpp Splitter.cpp FrameSpl
    itter.cpp SliderCtrl.cpp ColumnList.cpp Progress.cpp AKeys.cpp RichTextView.cpp Prompt.cpp
Help.cpp DateTimeCtrl.cpp SuggestCtrl.cpp Bar.cpp MenuItem.cpp MenuBar.cpp ToolButton.cpp
ToolBar.cpp ToolTip.cpp StatusBar.cpp Ta
    bCtrl.cpp TreeCtrl.cpp DropTree.cpp DlgColor.cpp ColorPopup.cpp ColorPusher.cpp
FileList.cpp FileSel.cpp FileSelUtil.cpp PrinterJob.cpp Windows.cpp Win32.cpp Gtk.cpp
TrayIconWin32.cpp TrayIconX11.cpp TrayIconGtk.cpp Updat
    e.cpp CtrlUtil.cpp LNGCtrl.cpp Ch.cpp
CtrlLib.icpp
ChWin32.cpp
ChGtk0.cpp
ChGtk.cpp
In file included from /home/tomas/upp/uppsrc/Core/Core.h:246:0,
                 from /home/tomas/upp/uppsrc/Draw/Draw.h:6,
                 from /home/tomas/upp/uppsrc/RichText/RichText.h:4,
                 from /home/tomas/upp/uppsrc/CtrlCore/CtrlCore.h:4,
                 from /home/tomas/upp/uppsrc/CtrlLib/CtrlLib.h:4,
                 from /home/tomas/upp/uppsrc/CtrlLib/CtrlLib.icpp:1:
/home/tomas/upp/uppsrc/Core/Defs.h: In function 'bool Upp::IsNaN(double)':
/home/tomas/upp/uppsrc/Core/Defs.h:344:52: error: 'isnan' was not declared in this scope
 inline bool IsNaN(double d)       { return isnan(d); }
                                             ^
```

I can work around the issue by either removing the "-std=c++0x" flag from the build settings or by modifying Defs.h and adding "std::" to both isnan and isinf on lines 344 and 345.

Subject: Re: Unable to compile examples using g++ 5.3.0
Posted by mirek on Sun, 28 Feb 2016 09:10:35 GMT
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Ops, thanks.

There is

#elif __APPLE__ || __DragonFly__ || (PLATFORM_BSD && GCC_VERSION >= 40700)

Would changing it to

#elif __APPLE__ || __DragonFly__ || GCC_VERSION >= 40700

work?

Mirek

Subject: Re: Unable to compile examples using g++ 5.3.0
Posted by tomas on Sun, 28 Feb 2016 13:00:28 GMT
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That change works perfectly on my system when using upp-x11-src-9535.tar.gz.

Thanks
Tomas
