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Subject: Mt.cpp broken compile using 9604 nightly snap-shot

Posted by [jfranks](#) on Wed, 16 Mar 2016 15:14:46 GMT

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Environment: Linux Mint 17.3

The U++ IDE compiles and installs okay.

However, as we start to build our application from scratch, errors emit during compile of Core/Mt.cpp.

The complaint is multiple definitions of Upp::ReadMemoryBarrier() and Upp::WriteMemoryBarrier().

An in-line version of this method is enabled in Mt.h at the same time that the method is enabled for compile in Mt.cpp.

Our build flags: GCC GUI X11 MT DEBUG M32

We are not using either of these methods in our application.

As a work-around, I used #if 0 around each method in the Mt.cpp file in order to compile without errors.

Here is a session snapshot that demonstrates the issue of just trying to compile Core/Mt.cpp and the errors that emit.

## File Attachments

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1) [Mt-Compile-Error.jpg](#), downloaded 634 times

File Edit Project Build Debug Assist Setup Help

Debug GCC Debug

Source

- Core
  - CtrlCore
  - CtrlLib
  - Draw
  - PdfDraw
  - Report
  - RichEdit
  - RichText
  - plugin/bmp
  - plugin/png
  - plugin/z
  - <prj-aux>
  - <ide-aux>
  - <temp-aux>
  - <meta>

main.cpp Mt.h Mt.cpp

```

153 inline void ReadMemoryBarrier()
154 {
155     __sync_synchronize();
156 }
157
158 inline void WriteMemoryBarrier()
159 {
160     __sync_synchronize();
161 }
162 #endif // #ifndef PLATFORM_WIN32
163 #endif // #elif defined(COMPILER_GCC
164

```

File	Lin	Message (4 errors)
Core/Mt.cpp	37	error: redefinition of 'void Upp::ReadMemoryBarrier()'
Core/Mt.h	15	error: 'void Upp::ReadMemoryBarrier()' previously defined here
		inline void ReadMemoryBarrier()
		/home/administrator/upp/uppsrc/Core/Mt.cpp: In function 'void Upp::ReadMemoryBarrier()':
Core/Mt.cpp	39	error: redefinition of 'void Upp::WriteMemoryBarrier()'
Core/Mt.h	15	error: 'void Upp::WriteMemoryBarrier()' previously defined here