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Subject: IDE compilation error

Posted by [pvictor](#) on Tue, 26 Jan 2016 12:29:36 GMT

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Starting from upp-x11-src-9424.tar.gz, I get the following error when compiling TheIDE:

```
Core/Mt.cpp: In function 'void Upp::ReadMemoryBarrier()':
```

```
Core/Mt.cpp:372:6: error: redefinition of 'void Upp::ReadMemoryBarrier()'
```

```
void ReadMemoryBarrier()
```

```
^
```

```
In file included from Core/Core.h:251:0,
```

```
from Core/Mt.cpp:1:
```

```
Core/Mt.h:152:13: error: 'void Upp::ReadMemoryBarrier()' previously defined here
```

```
inline void ReadMemoryBarrier()
```

```
^
```

```
Core/Mt.cpp: In function 'void Upp::WriteMemoryBarrier()':
```

```
Core/Mt.cpp:394:6: error: redefinition of 'void Upp::WriteMemoryBarrier()'
```

```
void WriteMemoryBarrier() {
```

```
^
```

```
In file included from Core/Core.h:251:0,
```

```
from Core/Mt.cpp:1:
```

```
Core/Mt.h:157:13: error: 'void Upp::WriteMemoryBarrier()' previously defined here
```

```
inline void WriteMemoryBarrier()
```

```
^
```

upp-x11-src-9418.tar.gz compiles OK.

Linux Mint 17.3 Cinnamon 32-bit

Victor

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Subject: Re: IDE compilation error

Posted by [kasome](#) on Fri, 29 Jan 2016 06:13:13 GMT

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Hi

I meet the same problem when i try to compile theide of upp-x11-src-9436 on Ubuntu 12.04 32bit

The following is the solution I can get, but it may not be the best

open the file in "upp-x11-src-9436/uppsrc/Makefile.in", then try to find

Macro = -DflagGUI -DflagMT -DflagGCC -DflagSHARED -DflagLINUX -DflagPOSIX

and modify to

Macro = -DflagGUI -DflagMT -DflagGCC -DflagSHARED -DflagLINUX -DflagPOSIX -DflagSSE2

save the file, and try to compile again.

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Subject: Re: IDE compilation error

Posted by [mirek](#) on Sun, 31 Jan 2016 09:37:00 GMT

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I believe it is now fixed.

Mirek

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Subject: Re: IDE compilation error

Posted by [pvictor](#) on Fri, 05 Feb 2016 06:57:51 GMT

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This error still exists in upp-x11-src-9448.tar.gz

The IDE doesn't compile unless I manually add -DflagSSE2 to MACRO in uppsrc/Makefile.in

Core/Mt.cpp:

```
#ifdef CPU_X86
#ifdef CPU_SSE2
...
void ReadMemoryBarrier() {
...
}
```

Core/Mt.h:

```
#ifdef CPU_SSE2
inline void ReadMemoryBarrier() {
...
}
...
#elif defined(COMPILER_GCC)
#ifdef PLATFORM_WIN32
inline void ReadMemoryBarrier() {
```

...  
}

If CPU\_X86 and COMPILER\_GCC are defined but CPU\_SSE2 and PLATFORM\_WIN32 are undefined  
ReadMemoryBarrier() (and WriteMemoryBarrier()) are duplicated.

Victor

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Subject: Re: IDE compilation error  
Posted by [deep](#) on Wed, 09 Mar 2016 11:51:07 GMT  
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I am getting the same error from latest code

Ubuntu 14.04-4

Running make ,

Source from

[https://launchpad.net/~dolik-rce/+archive/ubuntu/upp-nightly /+files/upp\\_9584.orig.tar.gz](https://launchpad.net/~dolik-rce/+archive/ubuntu/upp-nightly/+files/upp_9584.orig.tar.gz)

I checked with -DflagSSE2 adding it in makefile.in MACRO. but get same error.  
make clean  
make

```
c++ -c -x c++ -O3 -ffunction-sections -fdata-sections -I./ -I/usr/include/gtk-2.0
-I/usr/lib/i386-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/i386-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
-I/usr/include/gtkglext-1.0 -I/usr/lib/gtkglext-1.0/include -I/usr/lib/i386-linux-gnu/glib-2.0/include
-I/usr/lib/x86_64-linux-gnu/glib-2.0/include -I/usr/lib/i386-linux-gnu/gtk-2.0/include
-I/usr/lib/x86_64-linux-gnu/gtk-2.0/include -DflagGUI -DflagMT -DflagGCC -DflagSHARED
-DflagLINUX -DflagPOSIX Core/Mt.cpp -o
_out/Core//home/upp/Scripts/GCCMK.bm-Gcc-Gui-Linux-Mt-Posix-Shared/Mt.o
Core/Mt.cpp: In function 'void Upp::ReadMemoryBarrier()':
Core/Mt.cpp:372:6: error: redefinition of 'void Upp::ReadMemoryBarrier()'
void ReadMemoryBarrier()
  ^
```

```
In file included from Core/Core.h:251:0,
                 from Core/Mt.cpp:1:
Core/Mt.h:153:13: error: 'void Upp::ReadMemoryBarrier()' previously defined here
inline void ReadMemoryBarrier()
      ^
Core/Mt.cpp: In function 'void Upp::WriteMemoryBarrier()':
Core/Mt.cpp:394:6: error: redefinition of 'void Upp::WriteMemoryBarrier()'
void WriteMemoryBarrier() {
      ^
In file included from Core/Core.h:251:0,
                 from Core/Mt.cpp:1:
Core/Mt.h:158:13: error: 'void Upp::WriteMemoryBarrier()' previously defined here
inline void WriteMemoryBarrier()
      ^
make: *** [_out/Core//home/upp/Scripts/GCCMK.bm-Gcc-Gui-Linux-Mt-Posix-Shared/Mt.o] Error
1
```

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Subject: Re: IDE compilation error  
Posted by [deep](#) on Thu, 10 Mar 2016 04:38:50 GMT  
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I installed UPP using ppa and apt-get

Version 9584

Project with MT give following compile error

```
upp/uppsrc/Core/Mt.cpp: In function 'void Upp::ReadMemoryBarrier()':
upp/uppsrc/Core/Mt.cpp:372:6: error: redefinition of 'void Upp::ReadMemoryBarrier()'
void ReadMemoryBarrier()
      ^
```

```
In file included from upp/uppsrc/Core/Core.h:251:0,
                 from upp/uppsrc/Core/Mt.cpp:1:
upp/uppsrc/Core/Mt.h:153:13: error: 'void Upp::ReadMemoryBarrier()' previously defined here
inline void ReadMemoryBarrier()
      ^
```

```
upp/uppsrc/Core/Mt.cpp: In function 'void Upp::WriteMemoryBarrier()':
upp/uppsrc/Core/Mt.cpp:394:6: error: redefinition of 'void Upp::WriteMemoryBarrier()'
void WriteMemoryBarrier() {
      ^
```

```
In file included from upp/uppsrc/Core/Core.h:251:0,
                 from upp/uppsrc/Core/Mt.cpp:1:
upp/uppsrc/Core/Mt.h:158:13: error: 'void Upp::WriteMemoryBarrier()' previously defined here
inline void WriteMemoryBarrier()
      ^
```

Core: 1 file(s) built in (0:02.41), 2412 msec / file, duration = 2826 msec, parallelization 0%

There were errors. (0:05.99)

I am getting following error and IDE crash.

Fatal error

Assertion failed in /build/upp-Om2NWW/upp-9584/uppsrc/CtrlCore/CtrlTimer.cpp, line 44  
abs(delay\_ms) < 0x40000000

Stack trace:

```
() [0x83beff2]
() [0x83bf41c]
() [0x829cc9c]
() [0x829d258]
() [0x8479998]
() [0x845cc4a]
() [0x83c8d48]
() [0x80baad5]
() [0x829d0b5]
() [0x82b07f5]
() [0x82b08d4]
() [0x82b09ed]
() [0x82a1974]
() [0x8456bd4]
() [0x84552ea]
(__libc_start_main
() [0x8052270]
```

This error happened during upp install also.

Compiled programs are running for long time without crash.

I kept running "Clock" Prog for long time

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