

---

Subject: ChromiumBrowserExample compilation error due to lack of  
"cef\_atomicops\_x86\_gcc.h"

Posted by [sitev\\_ru](#) on Sat, 16 Dec 2017 17:16:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Try this [https://www.ultimatepp.org/src\\$ChromiumBrowser\\$ChromiumBrowser\\$en-us.html](https://www.ultimatepp.org/src$ChromiumBrowser$ChromiumBrowser$en-us.html),  
select "Building CEF application on Windows"

My logs:

```
----- ChromiumBrowserExample ( GUI MT NOGTK USEMALLOC MAIN GCC DEBUG  
DEBUG_FULL WIN32 )
```

```
main.cpp
```

```
In file included from C:\MyApps\cef/include/base/cef_atomic_ref_count.h:90:0,  
      from C:\MyApps\cef/include/cef_base.h:34,  
      from C:\MyApps\cef/include/cef_client.h:41,  
      from C:\work\upp\bazaar\ChromiumBrowser\ClientHandler.h:12,  
      from C:\work\upp\bazaar\ChromiumBrowser\ChromiumBrowser.h:5,  
      from C:\work\upp\bazaar\ChromiumBrowserExample\ChromiumBrowserExample.h:5,  
      from C:\work\upp\bazaar\ChromiumBrowserExample\main.cpp:1:
```

```
C:\MyApps\cef/include/base/cef_atomicops.h:184:57: fatal error:
```

```
include/base/internal/cef_atomicops_x86_gcc.h: No such file or directory
```

```
#include "include/base/internal/cef_atomicops_x86_gcc.h"
```

```
      ^
```

```
compilation terminated.
```

```
ChromiumBrowserExample: 1 file(s) built in (0:02.59), 2590 msecs / file, duration = 3229 msecs,  
parallelization 0%
```

```
There were errors. (0:03.24)
```

---

---

Subject: Re: ChromiumBrowserExample compilation error due to lack of  
"cef\_atomicops\_x86\_gcc.h"

Posted by [Zbych](#) on Sun, 17 Dec 2017 19:34:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

My wild guess is that you are trying to compile it with GCC or to compile x64 version to x86 target  
or vice versa.

Please make sure that you use MSVC compiler and check CEF version and target version in  
TheIDE.

I made clean installation of Upp and 32-bit CEF and after fixing some \*lib paths, it compiled  
without any error.

Updates in bazaar and documentation should be visible tomorrow.

There is also problem that debug and release files from CEF have the same name but are located  
in different directories and I don't know how to configure TheIDE to use one path for debug  
version and another for release.

On Linux it doesn't matter, you can link release version of CEF to debug version of your

application, but on Windows some symbols are not visible and linker shows errors.

---