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Thread: [C++11 Compiler? Free Or Paid?](#)

EnergeticSoul - September 15, 2013, 7:18 pm

I'm getting into computer programming to try and make some extra money on the side and I've been pulled into C++11, or C++1y (recently known as C++0y I believe). I've merely got two simple question about compilers. As far as open-source compilers go, as in GNU or something, they go are they indeed free to use so long as you release your source codes to the public? Are there any that are updated to the C++11 standard that you guys would suggest or would you prefer a paid-for compiler and why?

Thanks!

EmptyRedData - September 15, 2013, 7:30 pm

I would definitely stick with GCC. Here is a link to their C++11 feature adoption checklist for GCC 4.8

Quote:http://gcc.gnu.org/gcc-4.8/cxx0x_status.html

x8esix - September 15, 2013, 7:33 pm

Clang/gcc do not force you to use open source licenses. Visual Studio (depending on the version) may though; DreamSpark and most discounted versions are an example that won't let you use it for commercial products. 2010 Express edition allows you to use it commercially, whereas 2012 does not.

For an IDE, Eclipse or Visual Studio are both excellent, and it is simple to just use another compiler to build for release versions if using DreamSpark (free products for students).

I use Visual Studio 2010 Express (not as much annoying highlighting) and gcc myself.

Z5T1 - September 17, 2013, 9:23 am

GCC supports C++11, just add the `--std=c++11` flag to the end of your command. GCC also does not require you to make your product open source. If you're not into command line compiling, [Code::Blocks](#) is a great cross platform IDE that uses GCC.

daCloud ? - September 17, 2013, 9:28 am

C++11 is not out yet I guess, but most of it's features are already supported by GCC.

As stated before, stick with it.

Shihanus - September 17, 2013, 9:41 am

(Sep 17, 2013 09:28 AM)daCloud ? Wrote: [\[CITE\]](#) C++11 is not out yet I guess, but most of it's features are already supported by GCC.

As stated before, stick with it.

What? What do you mean it's not out yet?

ScienceCat - September 18, 2013, 6:55 pm

(Sep 17, 2013 09:41 AM)Shihanus Wrote: [\[CITE\]](#) What? What do you mean it's not out yet?

```
std::locale("en_US.UTF-8");
```

does not work in gcc. It throws no matter what you enter. If you leave it blank, it will use the C

locale.

std::regex is still not implemented.. There's so much of c++11 tht gcc/g++ is missing.

Clang uses gcc/g++/mingw on windows so basically, it is the same.