

Forum:[Hack Forums](#)

Thread: [C++ Compiler For Free?](#)

BiscuitPet - February 7, 2017, 11:12 am

Hi guys, I want to learn C++ by myself and I was wondering if you guys know any good way of getting a free C++ compiler for Windows 10, 64 bit? I know there are YouTube tutorials but not all work properly and maybe someone here knows a more efficient way? Thanks. :)

Zilog80 - February 7, 2017, 11:22 am

Visual Studio Community? (Install only C++ stuff and avoid .NET stuff IDE/compiler)
<https://www.visualstudio.com/en/vs/community/>

Anarchist07 - February 7, 2017, 11:53 am

There's also Code::Blocks if you want an easy to use IDE.

<http://www.codeblocks.org/>

BiscuitPet - February 7, 2017, 12:18 pm

(Feb 7, 2017 12:53 PM)Anarchist07 Wrote: [\[CITE\]](#) There's also Code::Blocks if you want an easy to use IDE.

Sorry, I'm still a noobie to all of this. How do code blocks work? Can you explain?

Edit: Never mind, I watched a YouTube tutorial. xD

Annabelle Lee - February 7, 2017, 3:27 pm

If you're using Windows I suggest using Visual Studio. Although personally I'd use a virtual machine and learn on linux instead. But that's just me.

BiscuitPet - February 7, 2017, 9:04 pm

(Feb 7, 2017 04:27 PM)Annabelle Lee Wrote: [\[CITE\]](#) If you're using Windows I suggest using Visual Studio. Although personally I'd use a virtual machine and learn on linux instead. But that's just me.

So I do have a Chromebook that I downloaded Linux on as a dual boot. Think I can get it on there to learn? Or would that be tough having said it is a Chromebook?

Anarchist07 - February 8, 2017, 1:53 am

(Feb 7, 2017 10:04 PM)BiscuitPet Wrote: [\[CITE\]](#) So I do have a Chromebook that I downloaded Linux on as a dual boot. Think I can get it on there to learn? Or would that be tough having said it is a Chromebook?

You don't need to be on Linux to learn, just start out on Windows and learn the basics.

aetherhf - February 8, 2017, 9:04 am

May be a POSIX g++ compiler on (Cygwin, MinGW, etc.) or Visual C++ 2010 Express (the new version may be).

Enough to tutorials :)

Steve - February 8, 2017, 9:08 am

(Feb 7, 2017 12:22 PM)Zilog80 Wrote: [\[CITE\]](#) Visual Studio Community? (Install only C++ stuff and avoid .NET stuff IDE/compiler)

<https://www.visualstudio.com/en/vs/community/>

Yes I recommend visual studio.

Sajuuk - February 9, 2017, 10:52 pm

So long as you're on Windows, use Visual Studio. I switched to almost always compiling from command line a few months ago because Visual Studio bootup and loading times drag along slower and slower with whatever new version they pump out.

GCC (MinGW) is free but you can get the Visual Studio build tools for free and iirc can hook it up with Code::Blocks.

clrlslwi - February 10, 2017, 12:04 am

(Feb 9, 2017 11:52 PM)Sajuuk Wrote: [\[CITE\]](#) I switched to almost always compiling from command line a few months ago because Visual Studio bootup and loading times drag along slower and slower with whatever new version they pump out.

I switched to VS 2017 RC, and it's insanely fast compared to the older versions. Intellisense works perfectly even in a project with 50k+ lines of code.

I stopped using it for the same reason, but 2017 seems to be a lot better.

Masm4ever - February 10, 2017, 1:55 am

(Feb 9, 2017 11:52 PM)Sajuuk Wrote: [\[CITE\]](#) So long as you're on Windows, use Visual Studio. I switched to almost always compiling from command line a few months ago because Visual Studio bootup and loading times drag along slower and slower with whatever new version they pump out.

I installed VS Community some months ago, but it is HORRIBLY slow. Google finds 1.6 Mio hits for visual studio community slow, so I am not the only one here with my Core i5 slowing down to a crawl.

Sajuuk - February 10, 2017, 10:11 am

(Feb 10, 2017 01:04 AM)Demmonic Wrote: [\[CITE\]](#) I switched to VS 2017 RC, and it's insanely fast compared to the older versions. Intellisense works perfectly even in a project with 50k+ lines of code.

I stopped using it for the same reason, but 2017 seems to be a lot better.

I've been told over and over again to not use 2017 RC because of possible bugs. I don't have gigantic projects to compile so I won't lose a bunch of edits if it crashes.

(Feb 10, 2017 02:55 AM)Masm4ever Wrote: [\[CITE\]](#) I installed VS Community some months ago, but it is HORRIBLY slow. Google finds 1.6 Mio hits for visual studio community slow, so I am not the only one here with my Core i5 slowing down to a crawl.

Yes. I have an i5 and VS2015 takes anywhere from two to four minutes to start. I remember when Visual Studio started up with almost no wait time (VS2007?). They've added so much shit that it bogs down nearly every computer it's run on.

Praet0rian - February 11, 2017, 3:32 am

Visual Studio Community is free, but know that their binaries will have some form of metadata on it to identify you, it is not meant for commercial use, only private or student.

, You could also check out the pirate bay, there is a discount there, 100% on everything

BoyInWhite - February 11, 2017, 3:35 am

Visual studio

love the intellisense feature

Praet0rian - February 11, 2017, 2:10 pm

(Feb 11, 2017 04:35 AM)Etadpu Wrote: [\[CITE\]](#) Visual studio

love the intellisense feature

Not to mention its powerful debugging tools, neat UI and other tools such as winapi error number to text, the only downside is that there is no 64 bit version, so in huge projects expect lag, run it on RAMDISK.

Meterpreter - February 11, 2017, 4:43 pm

100% Visual Studio Community.

I've tried plenty of other IDE's such as Netbeans and Code::Blocks neither are as good. Netbeans you need to install your own C/C++ compiler (I used Cygwin).

But Visual Studio is awesome, especially for beginners, as it gives excellent references as you type code.

PM if you have any questions to where to start :) Can give you some resources and answer some newbie questions.

Sajuuk - February 11, 2017, 5:12 pm

(Feb 11, 2017 05:43 PM)Dafty™ Wrote: [\[CITE\]](#) I've tried plenty of other IDE's such as Netbeans and Code::Blocks neither are as good. Netbeans you need to install your own C/C++ compiler (I used Cygwin).

Cygwin is a compiler? I thought it used GCC.

And yes, Code::Blocks and NetBeans are shit compared to Visual Studio but even the load times on Community are shit for almost everyone that uses it. I understand why everyone pushes beginners to use an IDE, and I also almost always assume every beginner has the same or higher level understanding of *insert language or computer concept*. But I'd still recommend testing out Notepad++ and compiling from command line with MinGW.

Make yourself a few Batch scripts and download the VS2015 theme for Notepad++ (if you like it, I guess) and set it all up. It does cut back the productivity rate as far as time goes, but that usually only affects larger projects. (Going back to the point of only using an IDE for projects with multiple source files.)

oxagast - February 26, 2017, 5:38 am

Cygwin does use gcc/g++ to compile C/C++ code. Cygwin's gcc and g++ will always leave .dll's around because of the way Cygwin is designed, it needs the parts of Cygwin it was compiled against. So if you don't want that I would recommend [Mingw-builds](#) for Windows.

Praet0rian - February 26, 2017, 5:46 am

Visual Studio is the only thing you can get for windows that's worth anything, you could also pirate a premium version, but that's illegal =]

oxagast - February 26, 2017, 7:04 am

I wouldn't pirate a premium version of VS unless I did it myself. No doubt it would tag every executable it generated with a trojan or some type of malware.

Infamia - February 26, 2017, 9:12 am

i love how everyone suggests ides and stuff that can be used to develop c/++. i might aswell recommend notepad++, pressing f5 lets you run a shell command so you can just call gcc from there, which is what an ide basically does but pipes the stdout.

for a c++ compiler i recommend g++/mingw, simply add the /bin folder into your sys vars and then you'll be able to compile c++ files.

Onii - February 26, 2017, 9:15 am

this should help you

<https://www.thefreecountry.com/compilers/cpp.shtml>