



C++ Foundation with Data Structures

Topic : Installation Guide

INSTALLATION GUIDE FOR INSTALLING CODEBLOCKS




STEP 1:

Visit <http://codeblocks.org/downloads/26>. Under the Windows section, select the "mingw-setup" variant; this is an all-in-one installer that includes all necessary tools. Select either of the download links to continue.

- Plugins
- User manual
- Licensing
- Donations


Quick links

- FAQ
- Wiki
- Forums
- Forums (mobile)
- Nightlies
- Ticket System
- Browse SVN
- Browse SVN log



note that we consider nightly builds to be stable, usually.

NOTE: We have a **Changelog** for 16.01, that gives you an overview over the enhancements and fixes we have put in the new release.

 **Windows XP / Vista / 7 / 8.x / 10:**

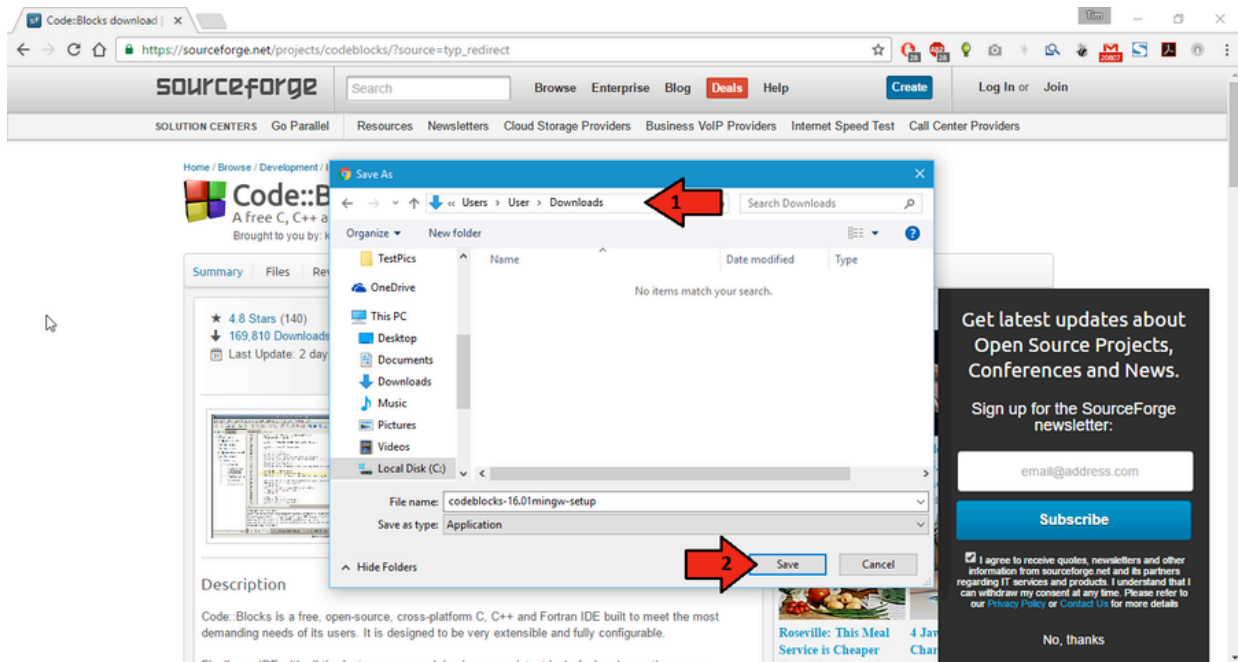
File	Date	Download from
codeblocks-16.01-setup.exe	28 Jan 2016	Sourceforge.net or FossHub
codeblocks-16.01-setup-nonadmin.exe	28 Jan 2016	Sourceforge.net or FossHub
codeblocks-16.01-nosetup.zip	28 Jan 2016	Sourceforge.net or FossHub
codeblocks-16.01mingw-setup.exe	28 Jan 2016	Sourceforge.net or FossHub
codeblocks-16.01mingw-nosetup.zip	28 Jan 2016	Sourceforge.net or FossHub
codeblocks-16.01mingw_fortran-setup.exe	28 Jan 2016	Sourceforge.net or FossHub

NOTE: The codeblocks-16.01-setup.exe file includes Code::Blocks with all plugins. The codeblocks-16.01-setup-nonadmin.exe file is provided for convenience to users that do not have administrator rights on their machine(s).

NOTE: The codeblocks-16.01mingw-setup.exe file includes *additionally* the GCC/G++ compiler and GDB debugger from TDM-GCC (version 4.9.2, 32 bit, SJLJ). The codeblocks-16.01mingw_fortran-setup.exe file includes *additionally to that* the GFortran compiler (TDM-GCC).

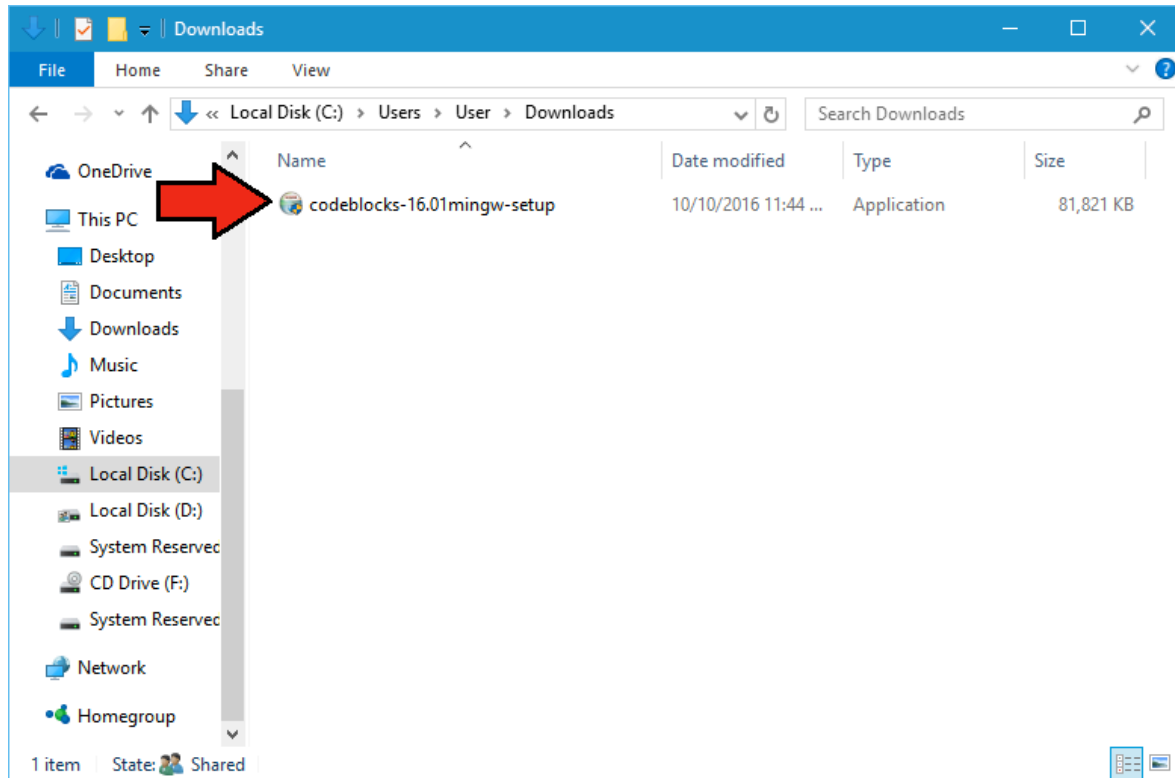
STEP 2:

A window will appear, after clicking the download link prompting you to select a location to save the installer file. First, choose a save location, then click "Save" to continue.



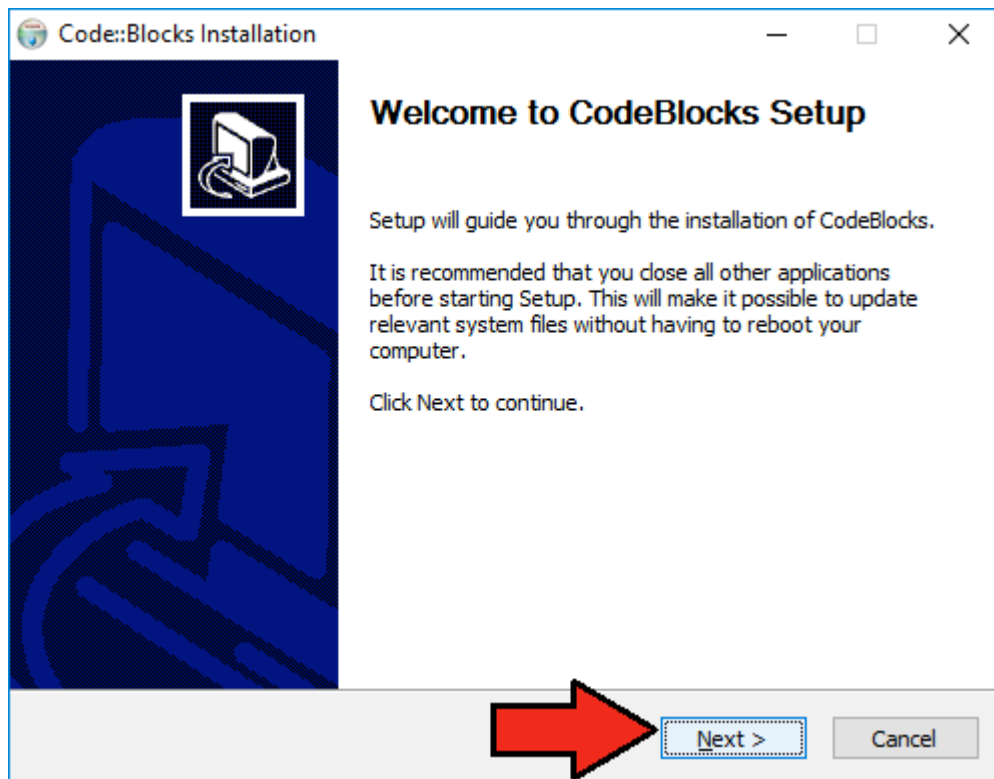
STEP 3:

Start the installer, after download completes. The installer will be located in the location specified when it was downloaded.



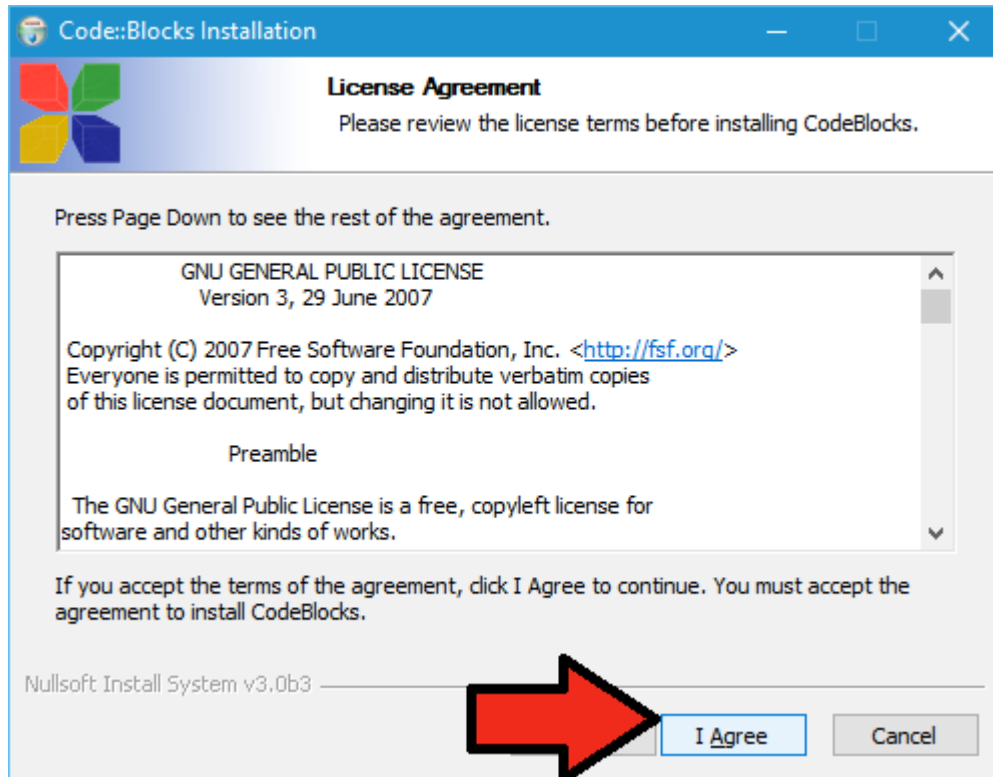
STEP 4:

The setup wizard will appear on screen, after launching the installer. To continue, click the "Next" button.



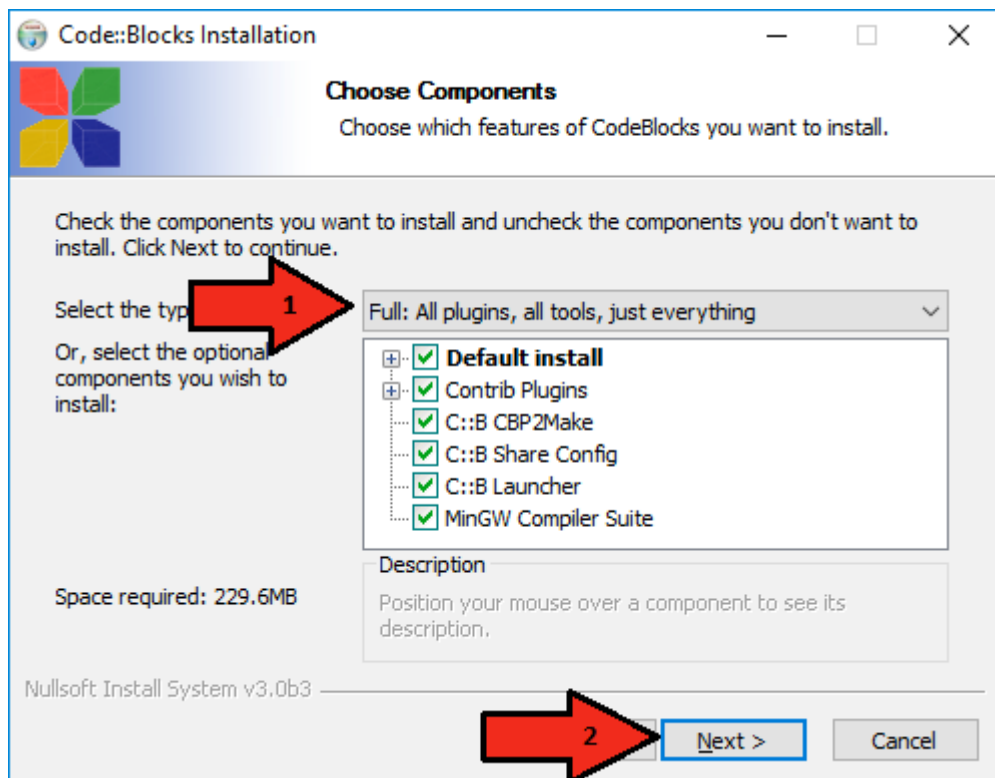
STEP 5:

Next, Click on 'I Agree'.



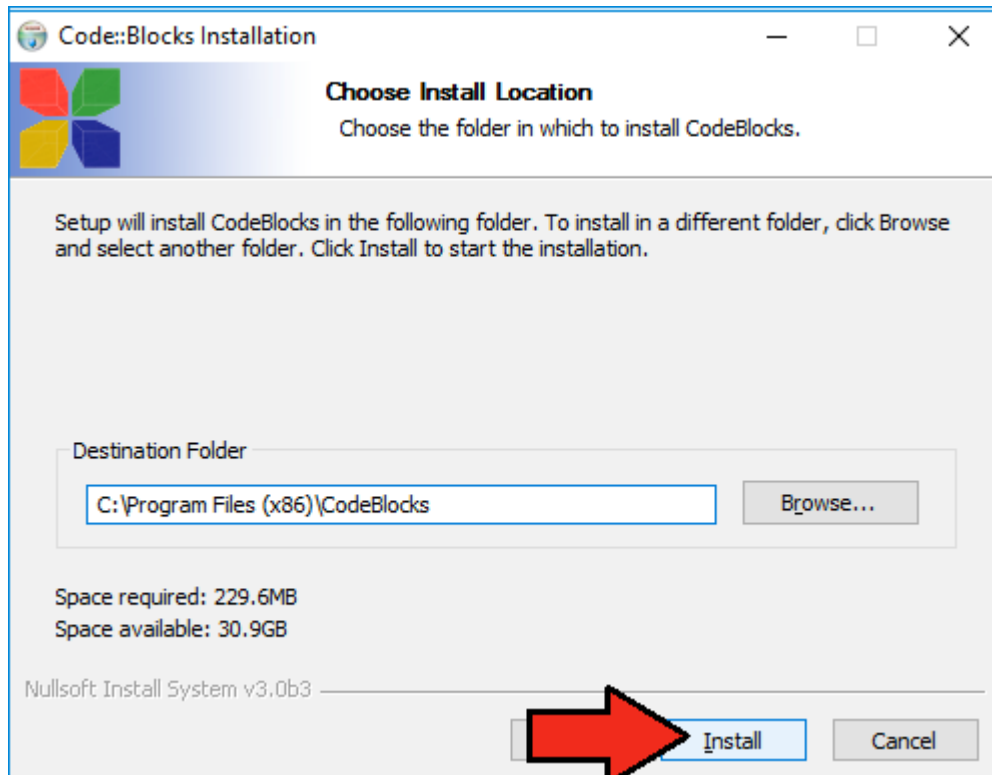
STEP 6:

Make sure that "Full" installation is selected from the drop down menu at the top; this includes all necessary software components. After this is done, click "Next" to continue.



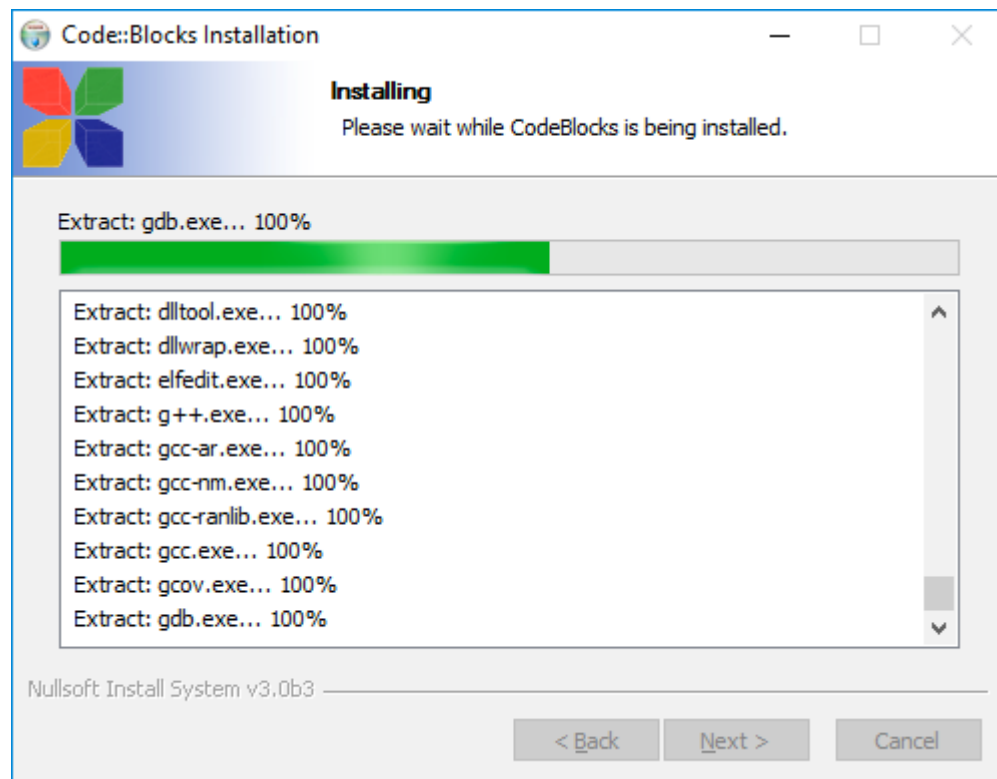
STEP 7:

By default, Code::Blocks will install under “C:\Program Files (x86)\CodeBlocks\”. Click ‘Next’ to continue.



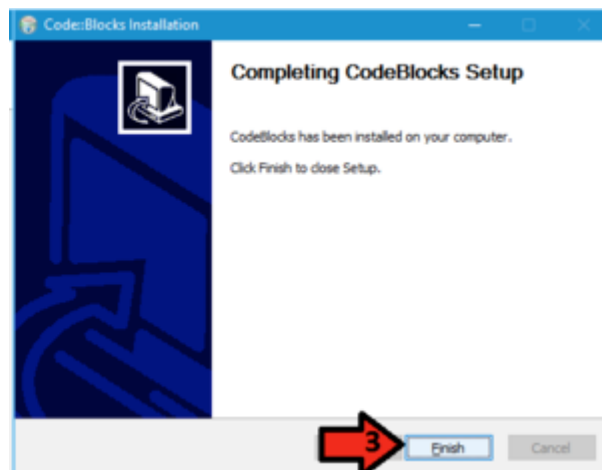
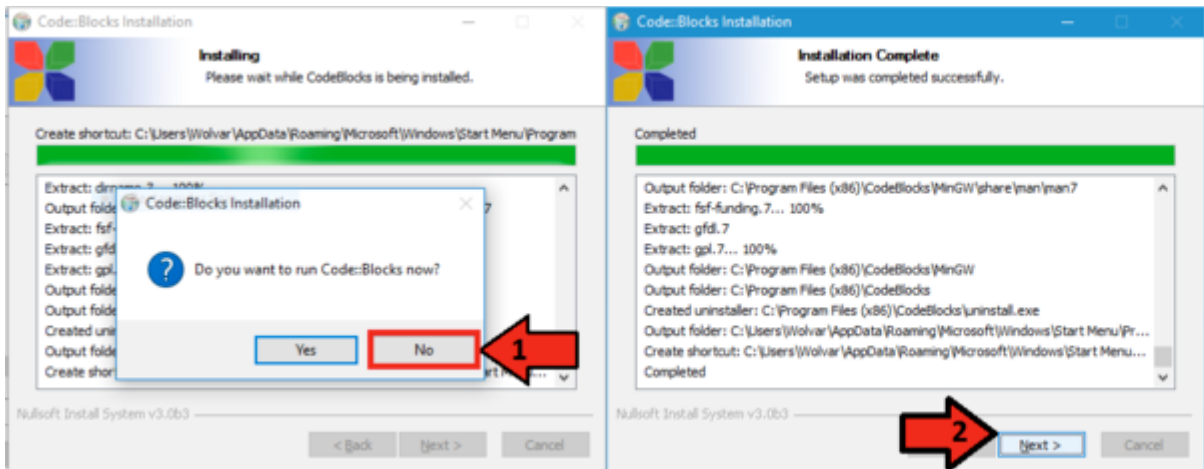
STEP 8:

Wait for the installation to complete. It may take some time.



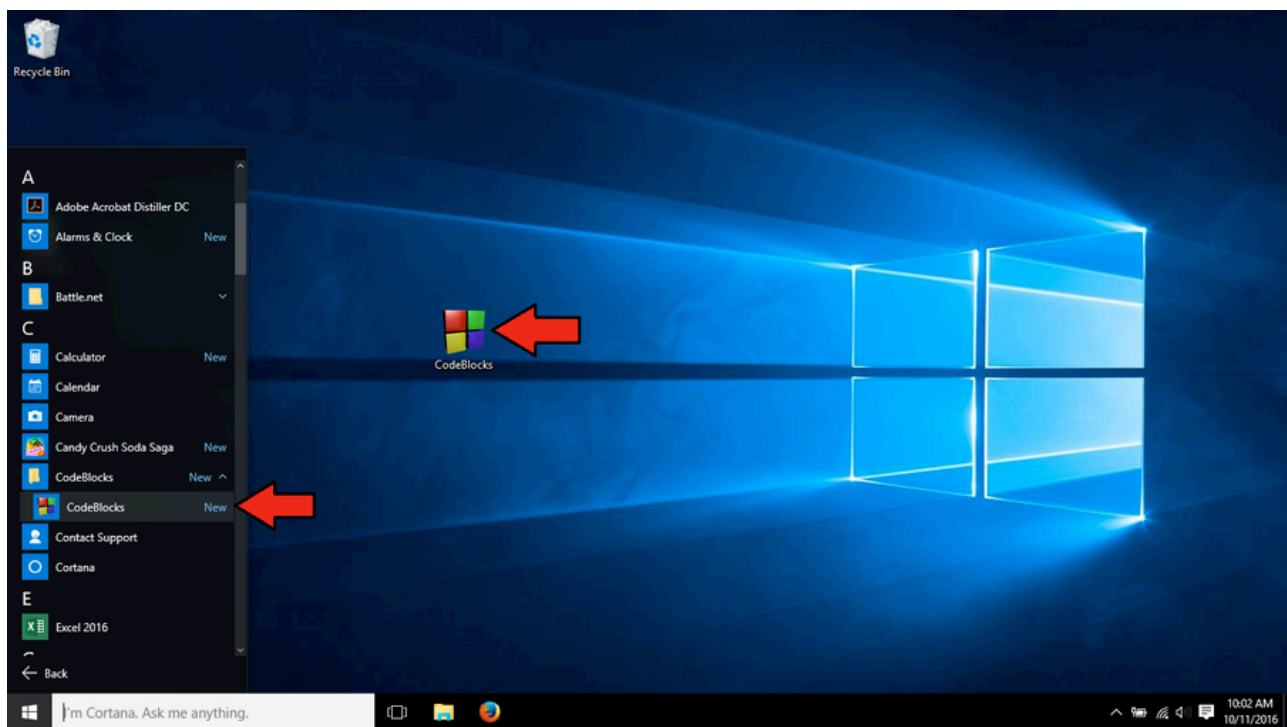
STEP 9:

When prompted, do not run Code::Blocks. First, complete install wizard. This is done by clicking the "Next" button on the installer screen, then clicking "Finish" on the completion page.



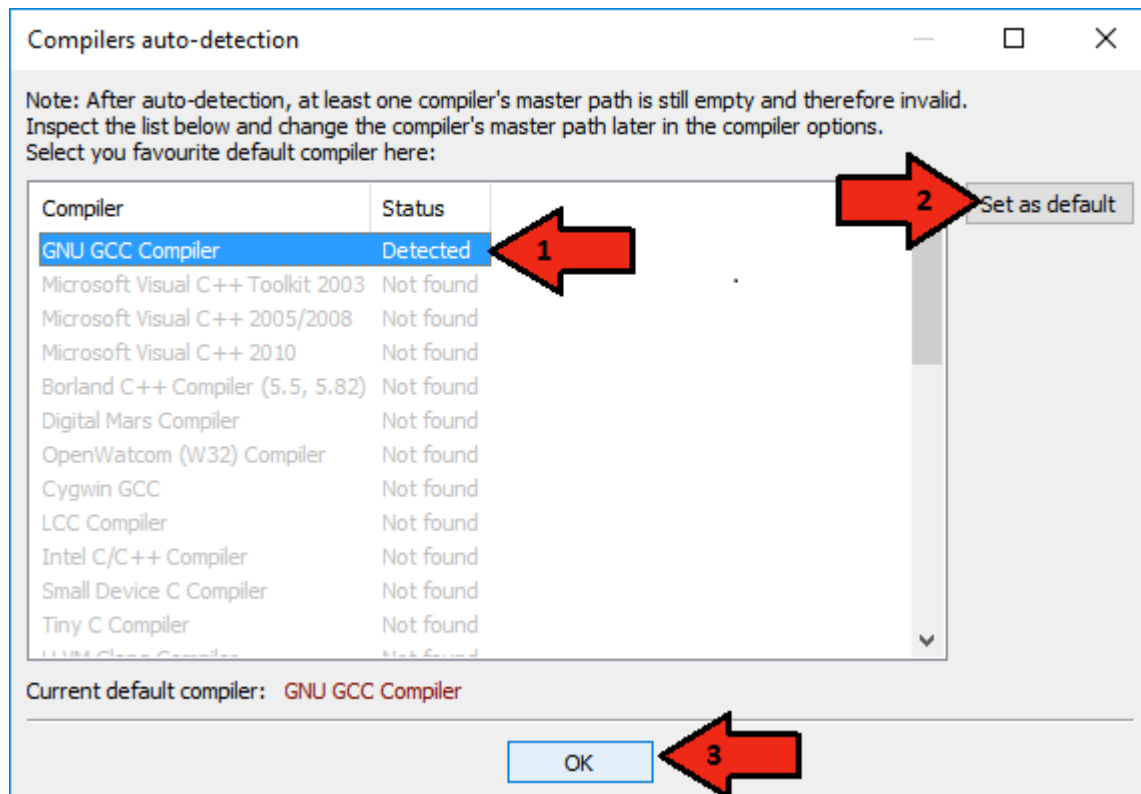
STEP 10:

Launch **Code::Blocks**. To launch the program, double click the Code::Blocks icon the installer placed on your desktop. If you do not have a desktop shortcut, the program can be found under Start--> All Programs ---> Code::Blocks --> CodeBlocks.exe



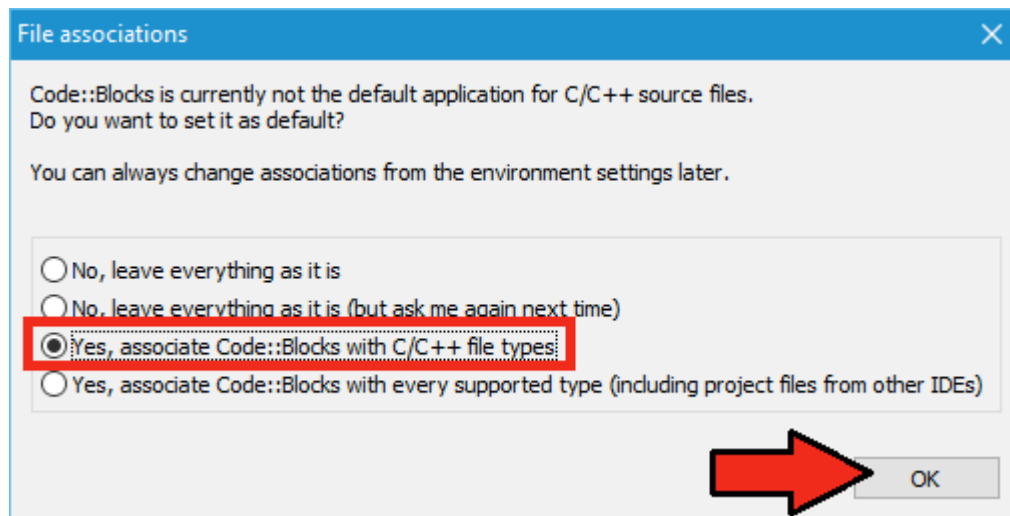
STEP 11:

Complete the compiler setup. If prompted, accept GNU GCC Compiler as the default. To do this, click the entry for GNU GCC Compiler, then click "Set as Default". To continue, click "OK".



STEP 12:

If prompted, select the option to associate Code::Blocks with C and C++ file types, then click "OK". This will allow you to open these types of files in Code::Blocks by default.



Now you are ready to use Code::Blocks to write and execute your C/C++ programs!

Note: Mac users can either use sublime text (<https://www.sublimetext.com/3>) or XCode.

For XCode download follow following steps –

1. Register as an Apple developer at

<http://developer.apple.com/programs/register/>

2. Registration is free.
3. Go to the Mac Dev Center. Log in to your Apple account.
4. You can download either the full XCode environment including documentation (2.3GB) or download a stripped-down version that that is about 750MB.
5. To download the smaller version of XCode that doesn't include documentation, click on "Developer Downloads".
6. Click on "Developer Tools" under the "Downloads" sidebar
7. Search for the latest version of XCode (you want something like that looks like "XCode X.Y.Z Developer Tools", for example "XCode 3.2.2 Developer Tools")