

Obtaining, Installing, and Using the DEV C++ Compiler

Revision 6 – 1 May 2006

A. HOW TO GET THE DEV-C++ COMPILER

Go to <http://www.bloodshed.net/devcpp.html>.

Note the Dev C++ 5 (currently Beta) cell in the middle. Scroll down until you can see the bottom of the cell, and click on [Go to Download Page](#).

A page titled Dev-C++ Resource Site will appear. Scroll down to:

Downloads



Dev-C++ 5.0 beta 9.2 (4.9.9.2) (9.0 MB) with Mingw/GCC 3.4.2

Dev-C++ version 4.9.9.2, includes full Mingw compiler system with GCC 3.4.2 and GDB 5.2.1 See [NEWS.txt](#) for changes in this release.

Download from:

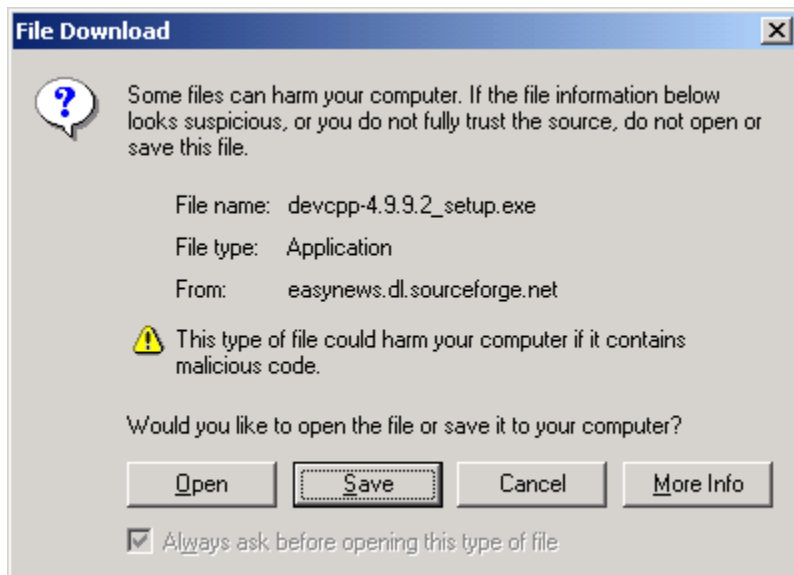
- [SourceForge](#)

Click on the SourceForge link. You should see a page containing

**You are requesting file: /dev-cpp/devcpp-4.9.9.2_setup.exe
Please select a mirror**

Click on the word **Download** to the right of a mirror near you.

You should now see

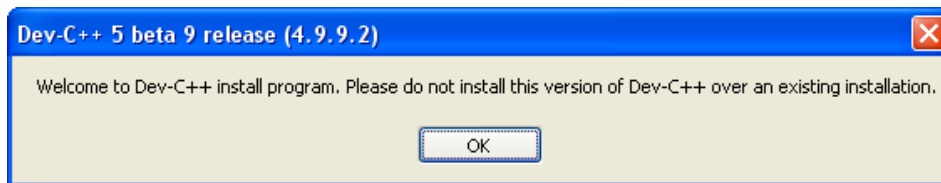


Select Save. You will see a standard Save As window. Select the folder you want to save the file to, and click Save.

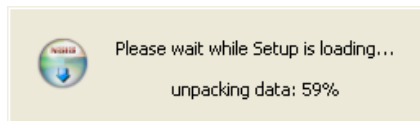
B. HOW TO INSTALL DEV-C++

Note: The following instructions are based on the assumption that you will install the compiler from an administrator account, so that it can be used by any user including non-administrators.

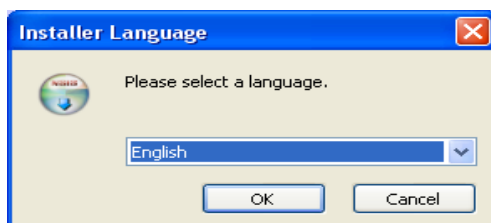
1. Log onto an administrator account.
2. Click on the downloaded Dev-C++ executable (devcpp-4.9.9.2_setup.exe) and follow the default instructions. (These instructions refer to Dev-C++ installer version 5 beta 9 release 4.9.9.2)



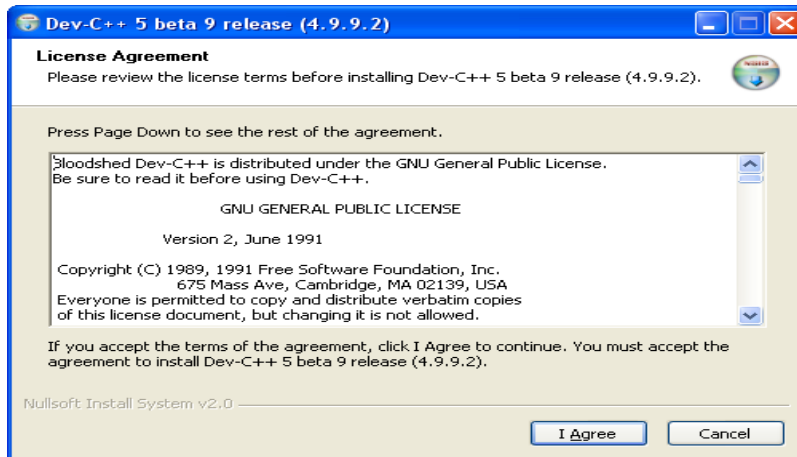
3. Wait until the Dev-C++ Setup unloads



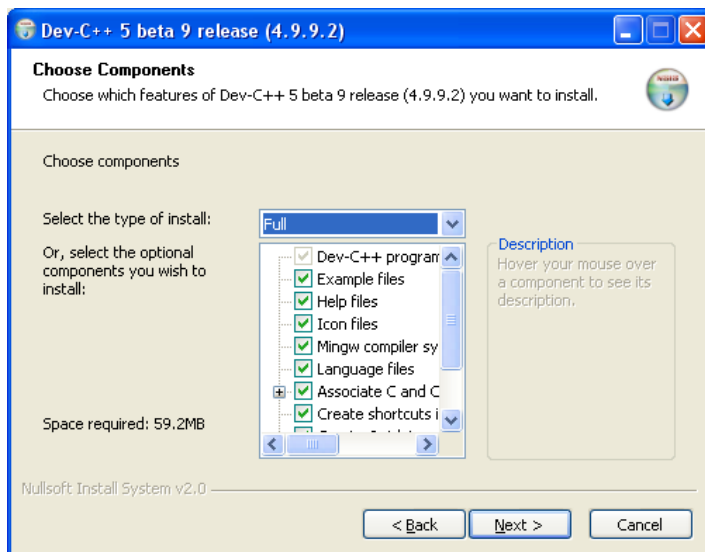
4. Select your language (Default: English)



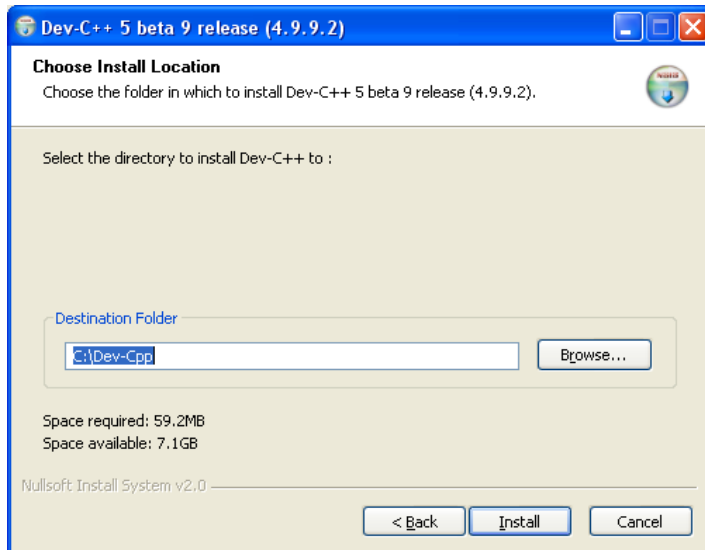
5. Read and agree to License agreement



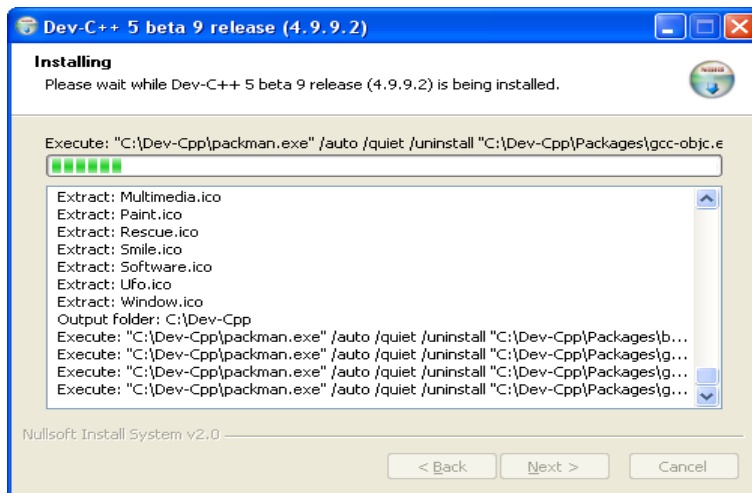
6. Choose your components of Dev-C++ that you want to install (select default components). Click on next.



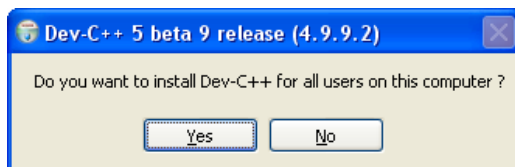
7. Accept the default location (recommended), or choose an install location.



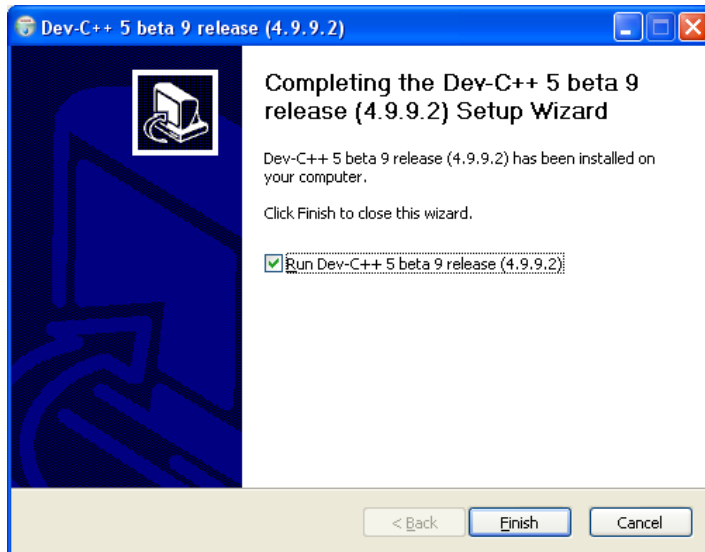
8. Wait until Dev-C++ finishes installing



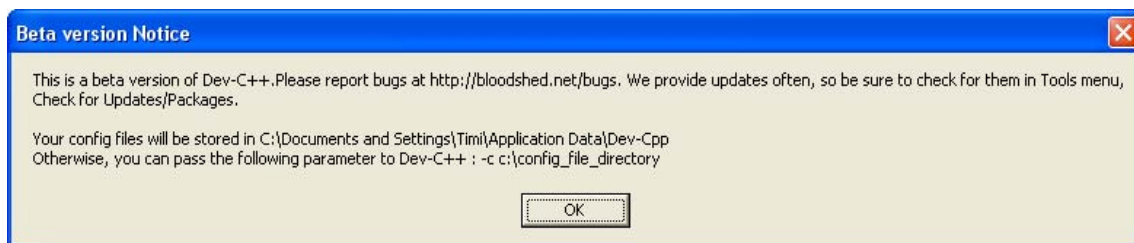
9. Select "Yes" to install Dev-C++ for all users.



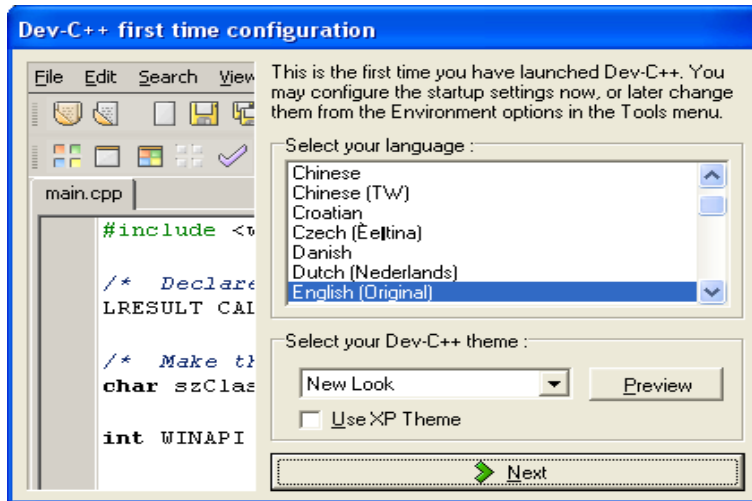
10. Check the checkbox to launch Dev-C++ and Click on Finish to complete the install.



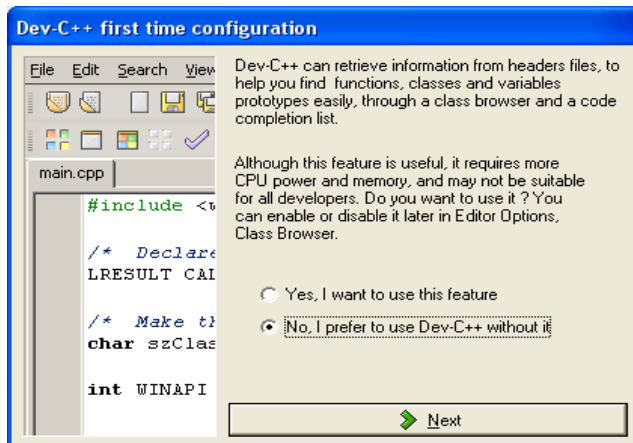
11. This notice launches the first time you launch Dev-C++. It gives information on where the configuration file directory is located. Click on Ok.



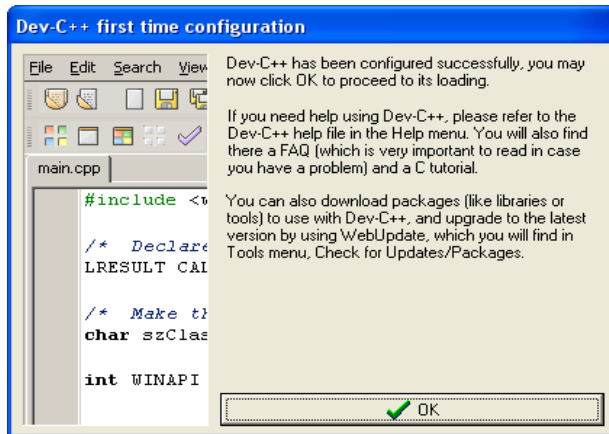
12. Select default values for language and theme. Click on Next.



13. You may choose any selection here but it might be wise to select the “No” option. Click on Next.



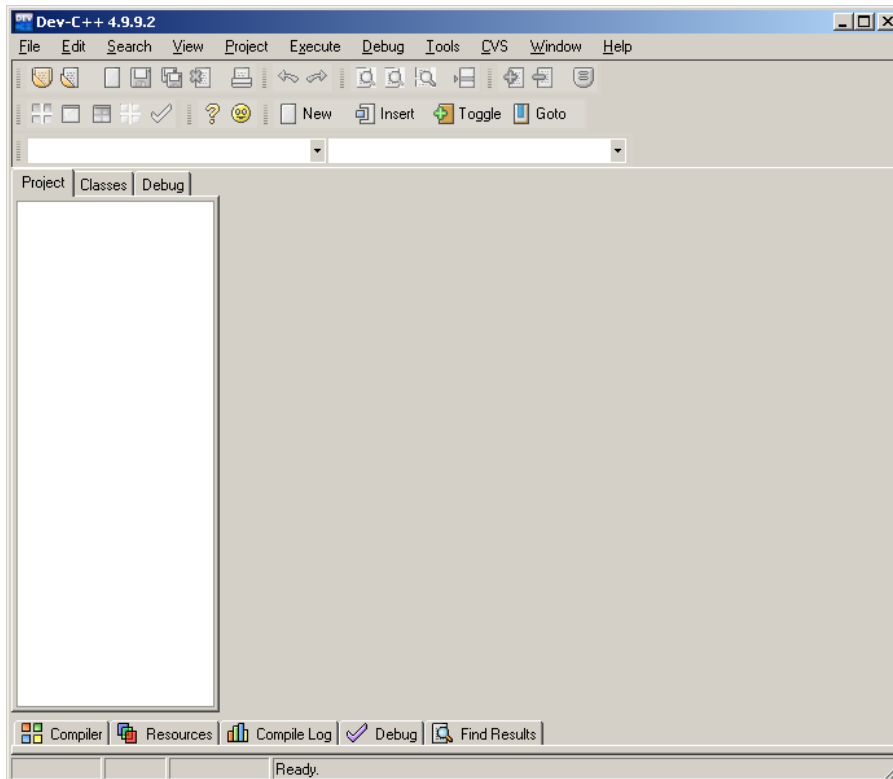
14. Configuration is complete. Click on Ok



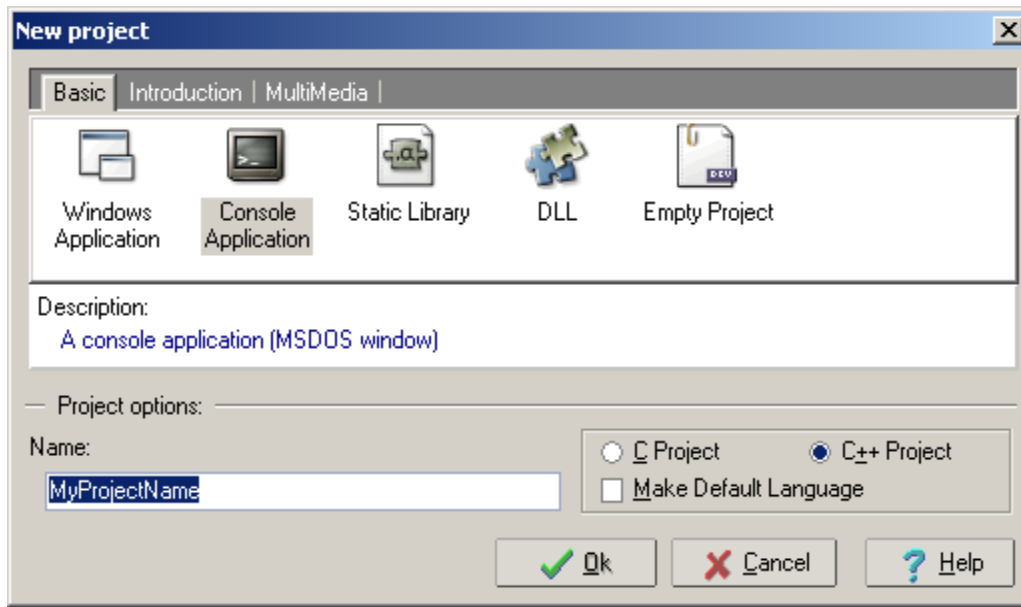
15. Close the Dev-C++ Window.
16. Log off the administrator account and log onto your user account.
17. Creates folder for your Dev-C++ class projects. It is recommended that you create subfolders of the folder in which Dev-C++ was installed, which was (by default) C:\Dev-Cpp. That is, create subfolders of C:\Dev-Cpp with names like Project0, Project1, etc., or whatever names you like.
18. Click Start → Programs → Bloodshed C++ → Dev-C++. Place the cursor over the Dev-C++ entry.
19. Right click and select Create Shortcut. You will now see a new entry, Dev-C++(2).
20. Drag Dev-C++(2) to your desktop.
21. You may wish to rename the Dev-C++(2) icon on your desktop to Dev-C++. To do so, right-click on the icon and select Rename.
22. Double-click the Dev-C++ icon to start Dev-C++. You will be led through an abbreviated version of the configuration procedure. When configuration is complete, you can close the program, or proceed directly to work on your first project.

C. USING DEV-C++

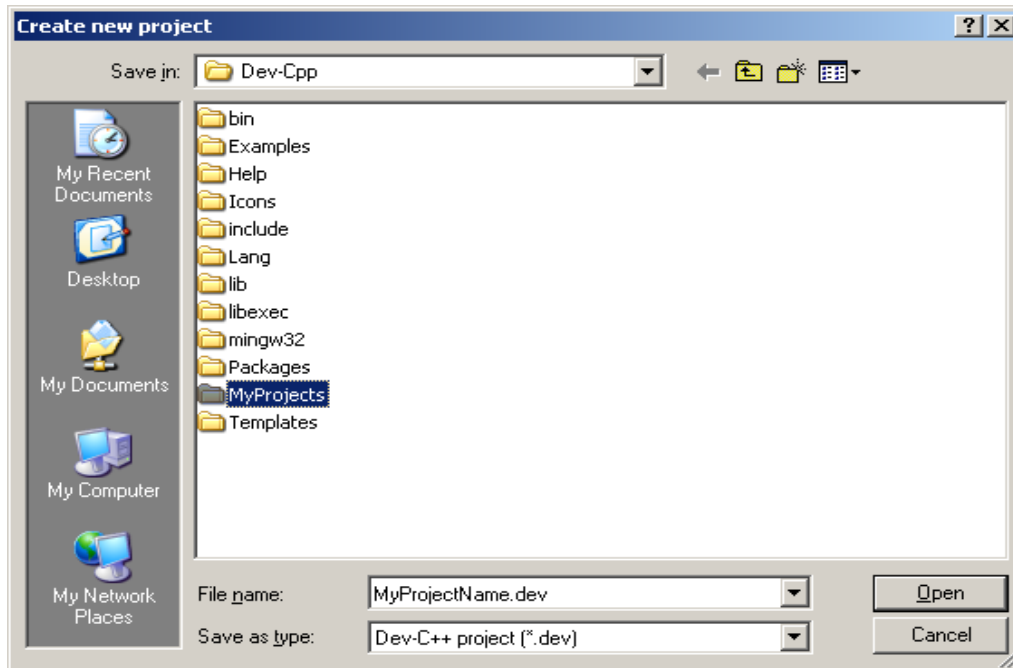
1. Launch the Dev-C++ application by double-clicking on the Dev-C++ icon on your desktop. (Alternatively, you may click Start → Programs and navigate to the Dev-C++ entry.)
2. Choose FILE from the menu bar and select NEW → Project



3. Select the BASIC tab from the New Project window
4. Select “Console Application” from the program tab list of options
5. In the Project Options field, give the project a name e.g. “ProjectName”
6. Choose C++ Project type
7. Click on “Okay”

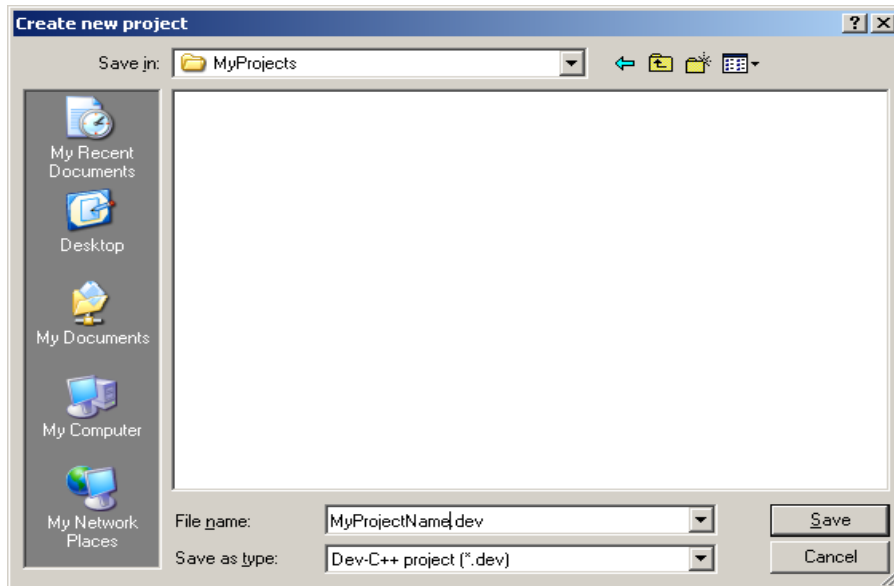


8. Choose where you would like to create you project. Typically, this is the folder you created in Step 17 of the installation procedure.

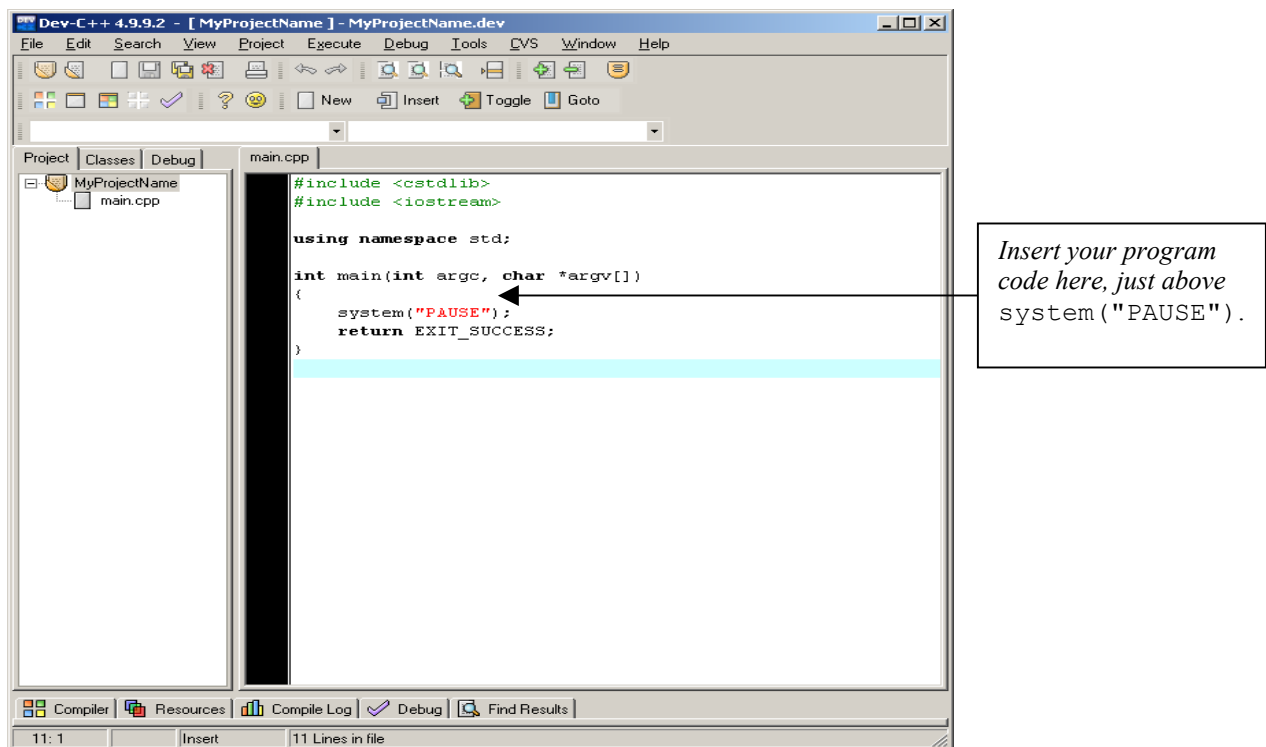


9. Click to enter your project folder

10. Click Save to save your new Project



11. Your Project Window screen will pop up creating a main.cpp shell file that is already attached to your project.

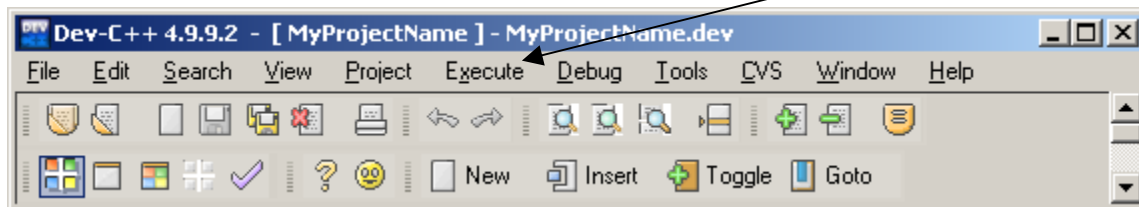


Note the statement `system("PAUSE");` just above the `return EXIT_SUCCESS;` statement. It is essential, although not shown in the examples in the UMUC Programming Guide

or the Course Modules. If it is not present, your application program's window will close immediately on completion of all work, and you will not be able to see the output.

12. You can expand the + sign to list all files attached to your project.
Execution Commands

13. To Compile and run your program, select Execute from Main Menu.



A drop-down menu containing Compile, Run, Compile and Run, and other options will appear.
To compile only, select Compile.
To run your program after you have compiled it, select Run.
To compile in one in one operation, select Compile and Run

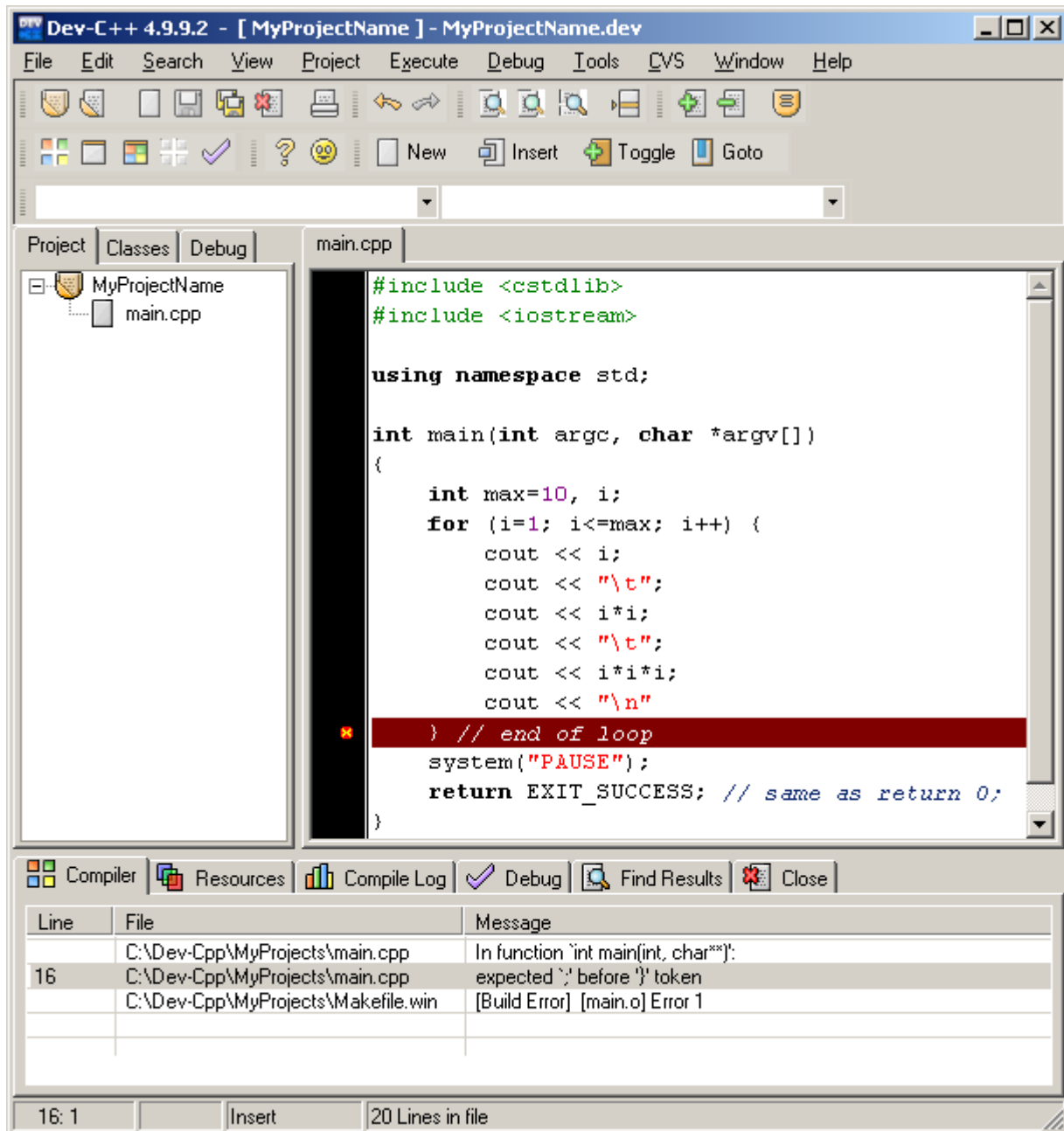
14. To Debug: Select Debug from Main Menu:



15. To view compiler errors, resources, compile log, debugger etc... Click on the tabs below.
To close this window, click on the CLOSE tab.

The illustration on the next page shows an example of an error detected by the compiler. In this case compiler error shows no semicolon after the last `cout` statement.

To learn how to do more things will just take getting use to the IDE. Most of the commands are self explanatory. If you have any questions, ask you instructor.



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Acknowledgements: This note is an expanded version of instructions for using Dev-C++ prepared by Prof. Ademola Adelekan, UMUC.

Availability of "free" software products, and procedures for obtaining them, change frequently. If you encounter any difficulties with this procedure, please notify your instructor.