# Installation of Visual Studio Code for C/C++ and Java

### Completely Uninstall old Version(s) and/or Reset Settings

- Uninstall VS Code program via Apps & Features
- Remove all VS Code configuration data (see below)
- Can also be used to reset configuration without uninstalling the program
- The folder locations will vary depending on your platform:
  - type echo %APPDATA% and echo %USERPROFILE% in cmd to get paths
  - Windows Delete %APPDATA%\Code and %USERPROFILE%\.vscode
  - macOS Delete \$HOME/Library/Application Support/Code and ~/.vscode.
  - Linux Delete \$HOME/.config/Code and ~/.vscode.

#### Install VS Code

Assumes MinGW C++ is installed

https://code.visualstudio.com/docs/cpp/config-mingw

Get User Installer from Web site

https://code.visualstudio.com/



Download and Install with Defaults (or below settings)



Create a new project Folder and a new test.c File

Navigate into that new directory via cmd/powershell and type: "code ."



write test.c in VSC

If file does show, switch to File View



### **Install Extensions**

Install C/C++ Extension Pack v1.3.0 (or last stable version) Install C/C++ Runner v4.1.2 (or last stable version)



If multiple Versions of C/C++ compilers are installed choose GDB/LLDB



## **Compile & Run**

To compile it left click on the gear icon **at the bottom** To run it left click on the triangle icon at the bottom

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If "selected folder" appears: left click and choose folder



Format Code Press shift alt F

### Later: Install Java Support



https://marketplace.visualstudio.com/items?itemName=vscjava.vscode-java-pack

### Optional: Install Shortcut Menubar Extension



Optional: Change Color Scheme to "Quiet Light"

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### **Optional: Adjust Formatting Rules of Code**

 $\mathsf{File} > \mathsf{Preferences} > \mathsf{Settings} \rightarrow \mathsf{Extensions} \rightarrow \mathsf{C/C}\textit{++}$ 

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