

# C++ tools installation guide for Mac

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Main external source of info: [<https://code.visualstudio.com/docs/cpp/config-clang-mac> ]  
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Follow the steps at the beginning of the page:

1. Install VS Code - <https://code.visualstudio.com/download>
2. Install C/C++ extension from within VS Code.
3. Install `clang` or make sure it's already installed

## Installing clang

Open Terminal, write `clang --version`.

If clang isn't installed, write `xcode-select --install`.

## CMake

1. Install CMake (Binary distributions) - <https://cmake.org/download/>
2. Install "CMake Tools" extension from within VS Code.

## Test your installation

1. Make an empty folder
2. Open VS Code in that folder
  - Open VS Code.
  - Select "Open Folder..."
  - Select your folder
3. Press `Cmd+Shift+P`. Write `cmake:quick start` - the option should appear as you're writing, select it.
4. Write the name of your project
5. Select "executable"
6. Click "select a kit" at the bottom of the screen, or `Cmd+Shift+P` - "cmake:select a kit".
7. Select the latest available version of `clang`.

You should be ready to build your project



Run the project by clicking the triangle button on the right.