

C++ Programming

Installing Eclipse on Windows

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Teaching, Training and Coaching since more than a decade!

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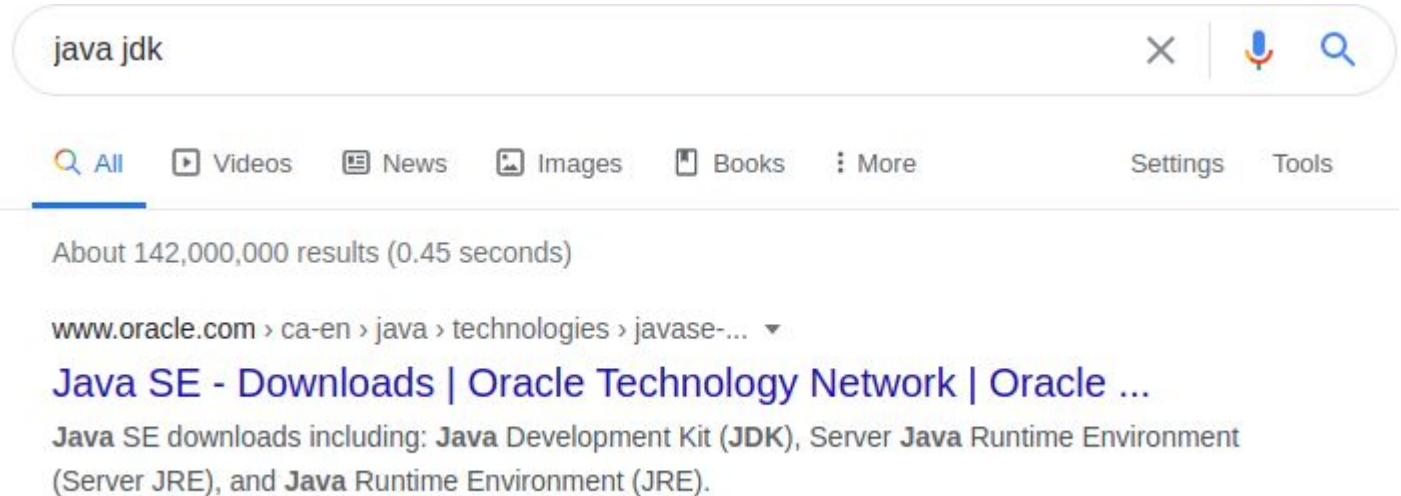


Content

- Installing eclipse on windows a bit problematic
 - 3 steps: Installing Java JDK, GCC/Mingw, Eclipse
- This video is about windows 10
 - If installing on another windows version:
 - Try first what is here
 - If doesn't work, Google your target version
- Facing installation or running error? Google it
 - Sadly several scenarios may occur

Installing on Windows: JDK

- Google “Java JDK”



Installing on Windows: JDK

- Select from downloads (in bottom)
 - X86 = 32 bit
 - X64 = 64 bit (typically nowadays)
 - Download. Make sure its name ends with **.exe**
- Download and normally install

Windows x86

Windows x64



jdk-8u261-windows-i586.exe



jdk-8u261-windows-x64.exe

Installing on Windows: MinGw/GCC

- Google “[mingw-w64](#)”
 - Or go to <https://sourceforge.net/projects/mingw-w64/> or
- Download and normally install: **C:\MinGW**
 - Mark all packages
 - Avoid paths in spaces, if any

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MinGW-w64 - for 32 and 64 bit Windows

A complete runtime environment for gcc
Brought to you by: [jon_y](#), [ktietz70](#), [nightstrike](#)

★★★★★ 108 Reviews

Downloads: 153,883 This Week

Last Update: 1 day ago

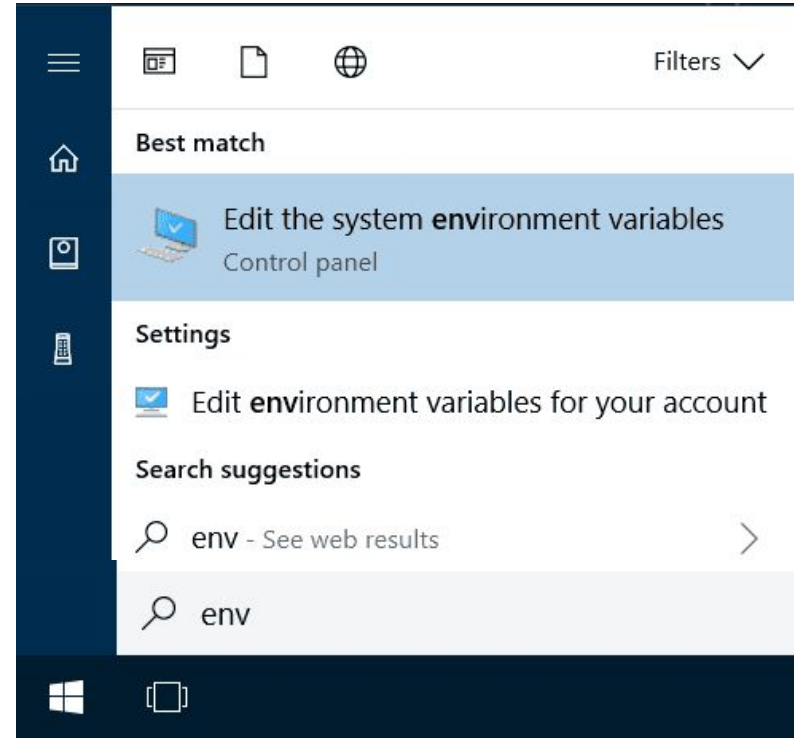
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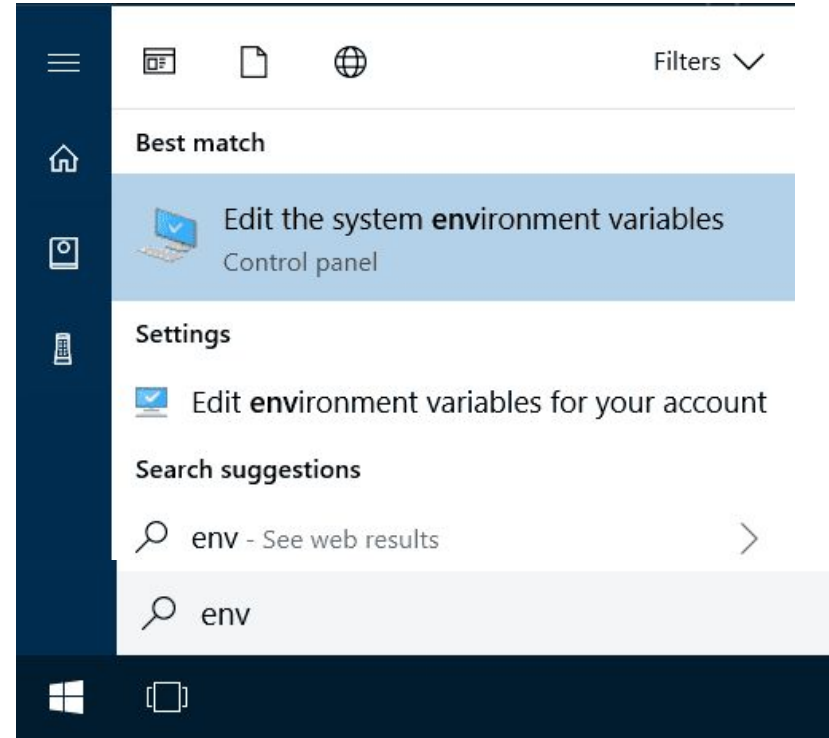
Installing on Windows: Add to system environment

- Add to environment
 - Mingw & JDK
- Let's say installed at: C:\MinGW
 - Then add to path: C:\MinGW\bin
 - This is standard step
- For jdk:
 - C:\Program Files\Java\jdk_<?>\bin
- Helpful links
 - [Windows 10](#) / [Windows 7](#)
 - [Windows versions](#)
 - Video minute doing so [in case](#)



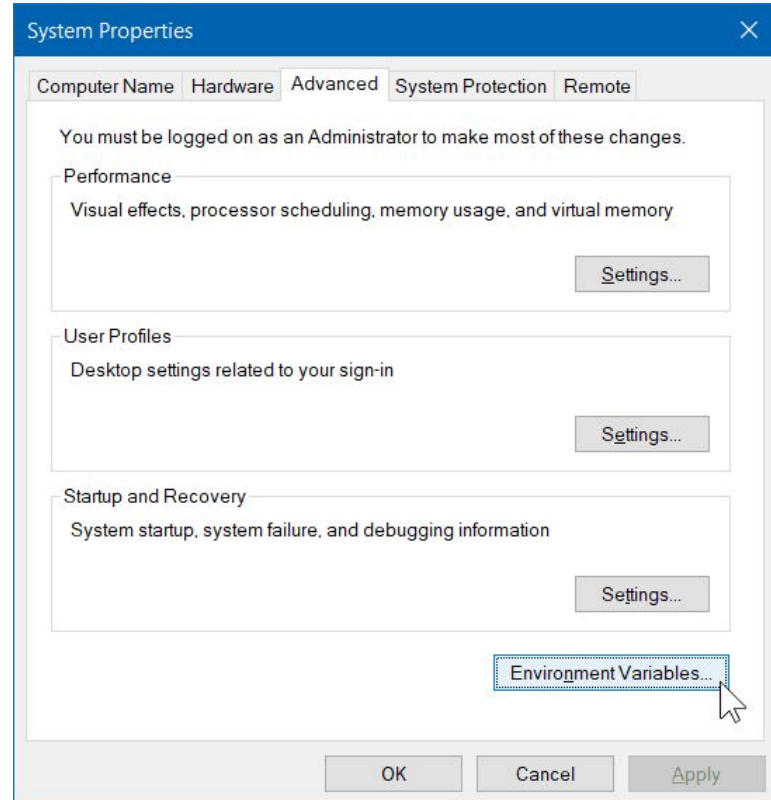
Adding path to system environment

- Borrowed [from](#)
- First, search for env



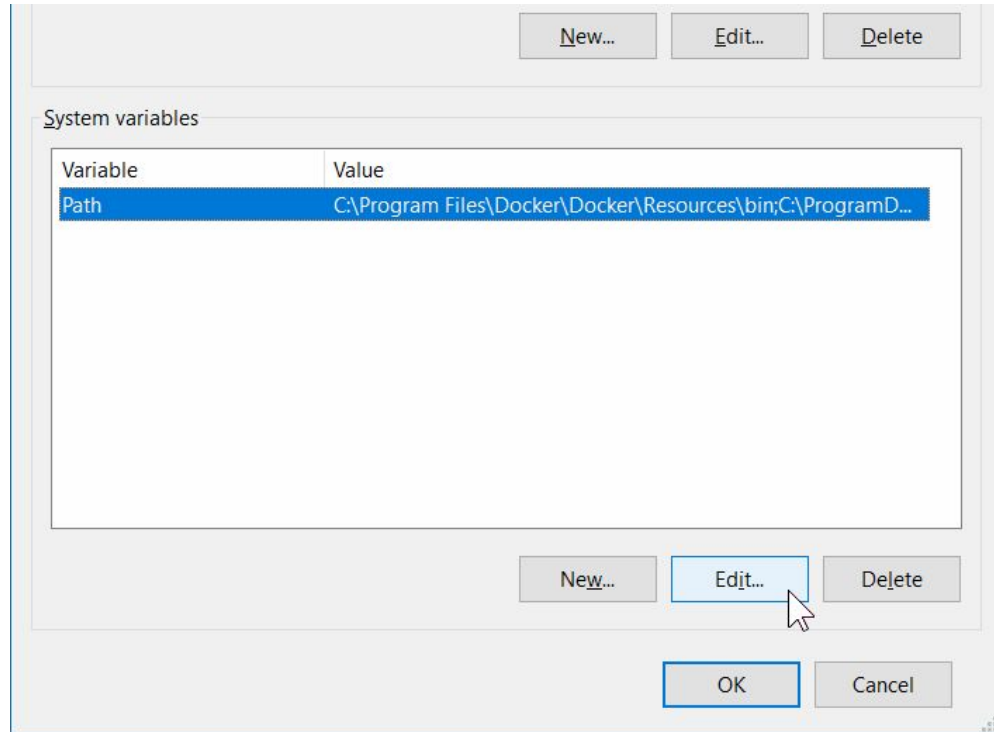
Adding path to system environment

- Click the
 - “Environment Variables...” button



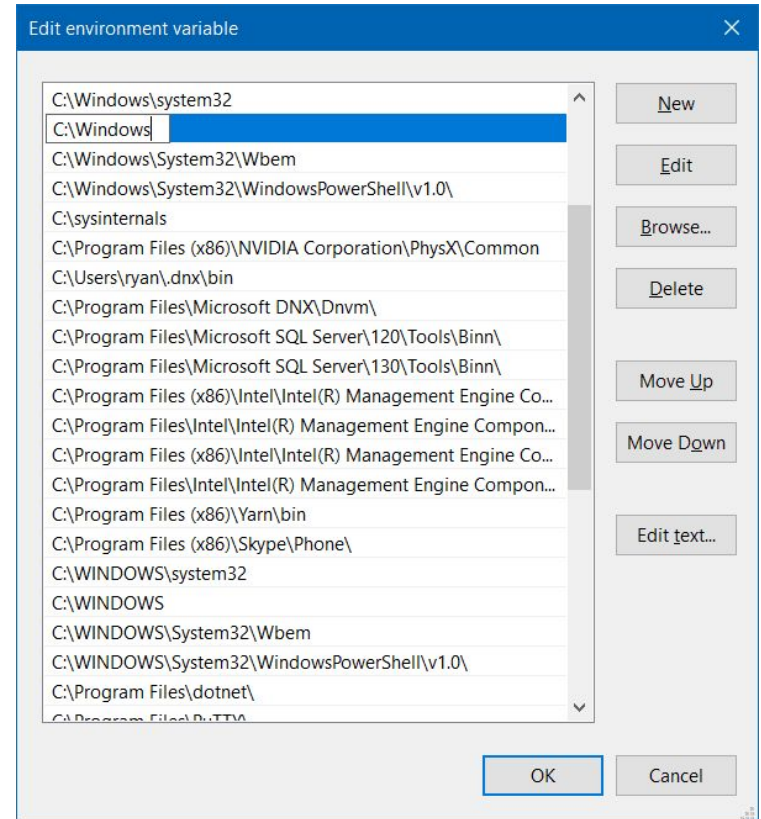
Adding path to system environment

- Find **Path** in the lower part
- Edit



Adding path to system environment

- Click “New” and type in the new path you want to add
 - **Add MinGW path**
 - **Add jdk path**
- Click ok and save
- Restart your application
 - If problems:
 - 1) Double check path added
 - 2) Restart whole machine



Installing on Windows: Eclipse

- Google “[Download Eclipse IDE for C/C++ CDT Developers](#)”
 - Or go to <https://www.eclipse.org/cdt/downloads.php>
 - Download it for your OS / bits type (typically the right link generated)
 - If installer, just follow and install
 - If exe-ready to run, just double click

[www.eclipse.org](#) > packages > release > kepler > eclipse... ▾

Eclipse IDE for C/C++ Developers | Eclipse Packages

This package includes: **C/C++ Development Tools**; **Eclipse** Git Team Provider
Remote System Explorer.

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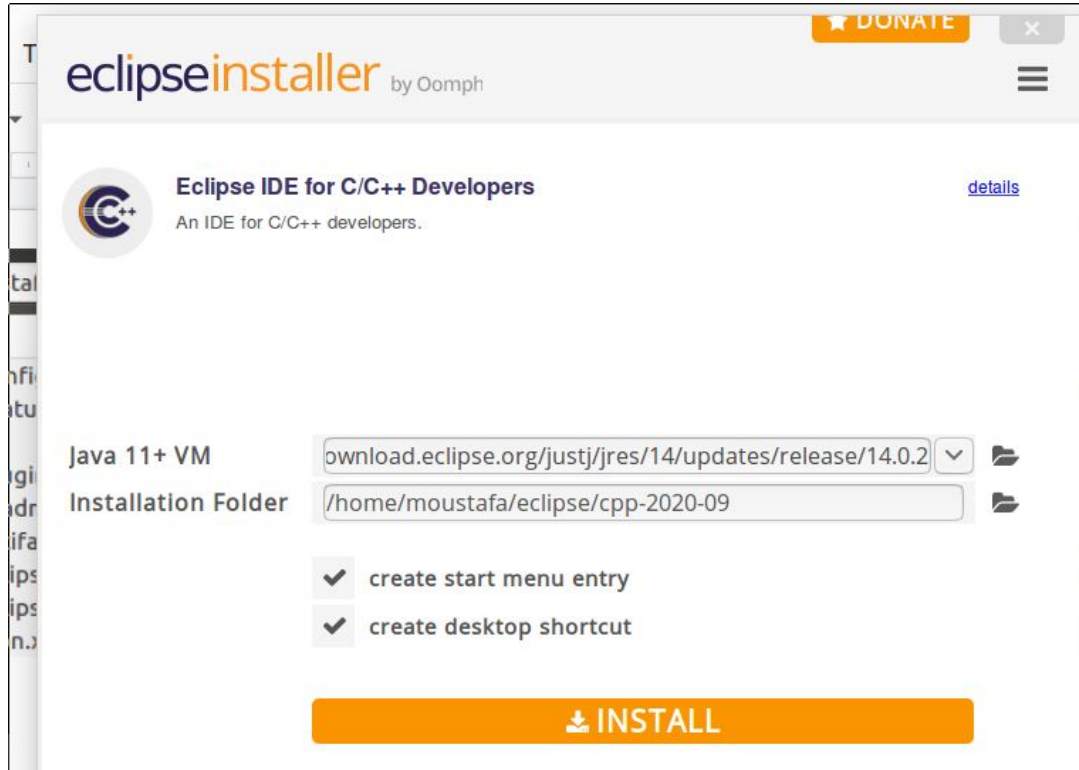
Get **Eclipse IDE 2020-09**

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Installing on Windows: Eclipse Installer



The screenshot shows the Eclipse Installer web interface. At the top, there is a header with the "eclipseinstaller" logo by Oomph, a "DONATE" button, and a menu icon. Below the header, the main content area features the Eclipse IDE for C/C++ Developers logo and a "details" link. The installation configuration section includes a "Java 11+ VM" dropdown menu set to "download.eclipse.org/justj/jres/14/updates/release/14.0.2", an "Installation Folder" text input field containing "/home/moustafa/eclipse/cpp-2020-09", and two checked checkboxes for "create start menu entry" and "create desktop shortcut". A large orange "INSTALL" button is at the bottom.

eclipseinstaller by Oomph

Eclipse IDE for C/C++ Developers [details](#)
An IDE for C/C++ developers.

Java 11+ VM

Installation Folder

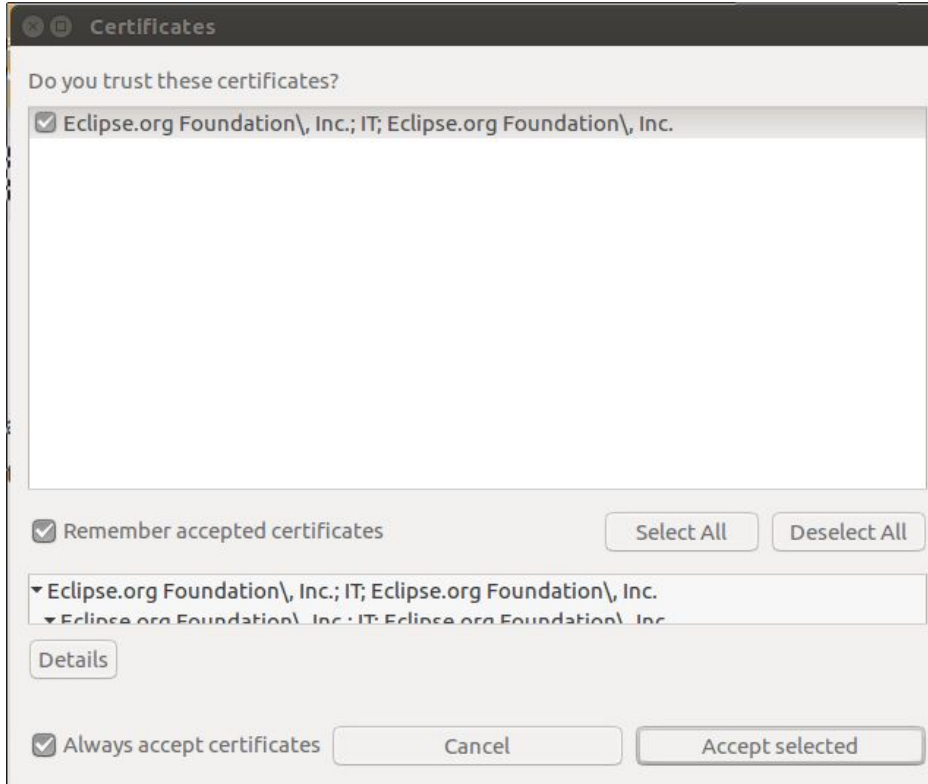
☒ create start menu entry
☒ create desktop shortcut

INSTALL

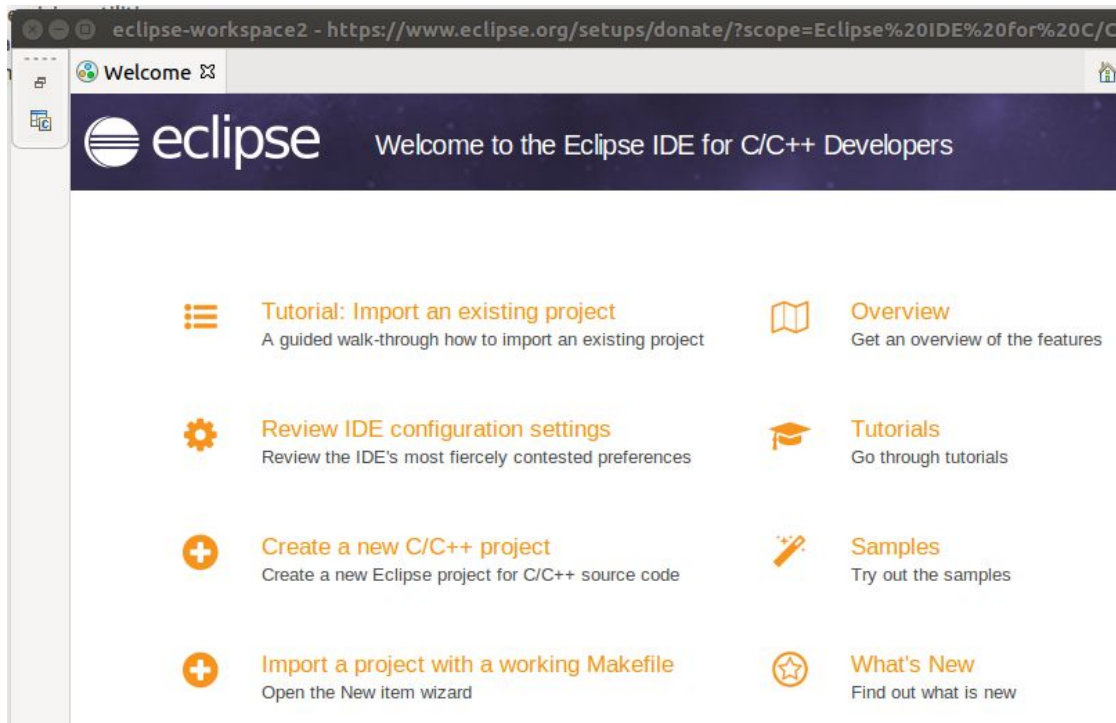
Installing on Windows: Eclipse Installer



Installing on Windows: Eclipse Installer



Running Eclipse



“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”