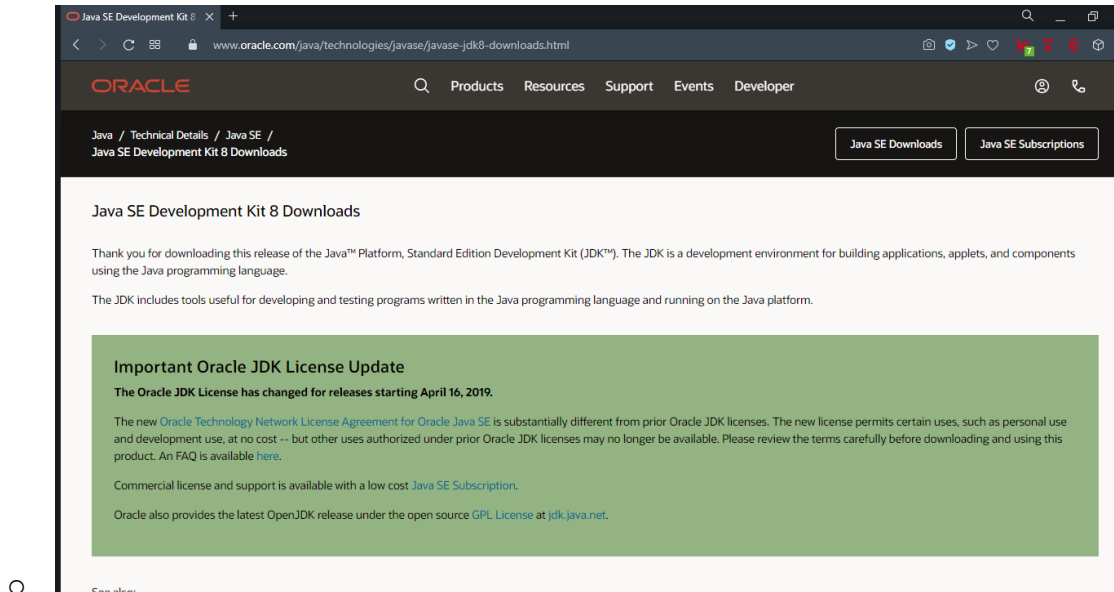


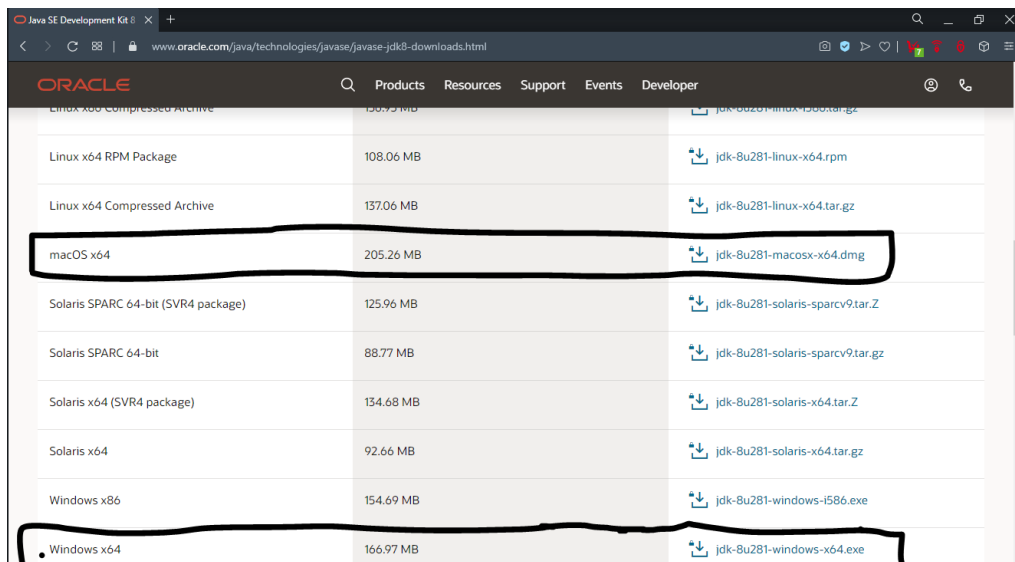
How to Download and Install Eclipse

Step 1: Install Java JDK 8

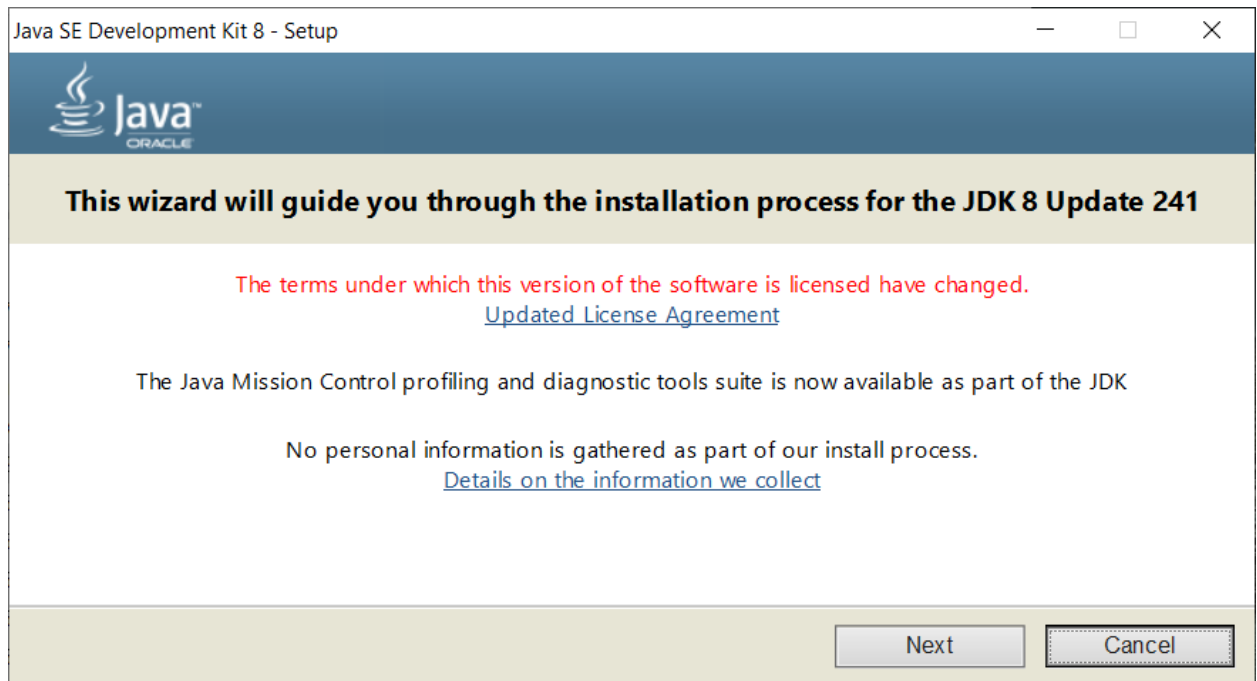
- Go to Oracle website to download Java JDK 8
 - <https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html>



- Scroll down and select the appropriate link for your Operating System



- You will need to create an account for Oracle, for the boxes you do not want to fill out, just put “na”.
- After you download and run the java installer, you should see this



- Accept all defaults and keep clicking next until you see this screen, then click close



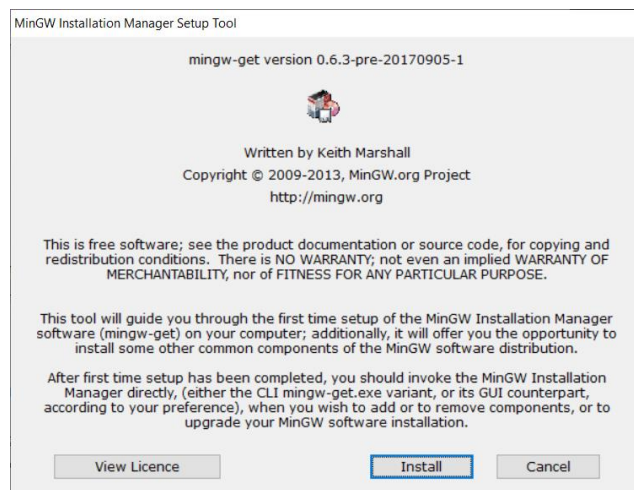
Step 2: Installing Mingw

- Download MingW for windows:

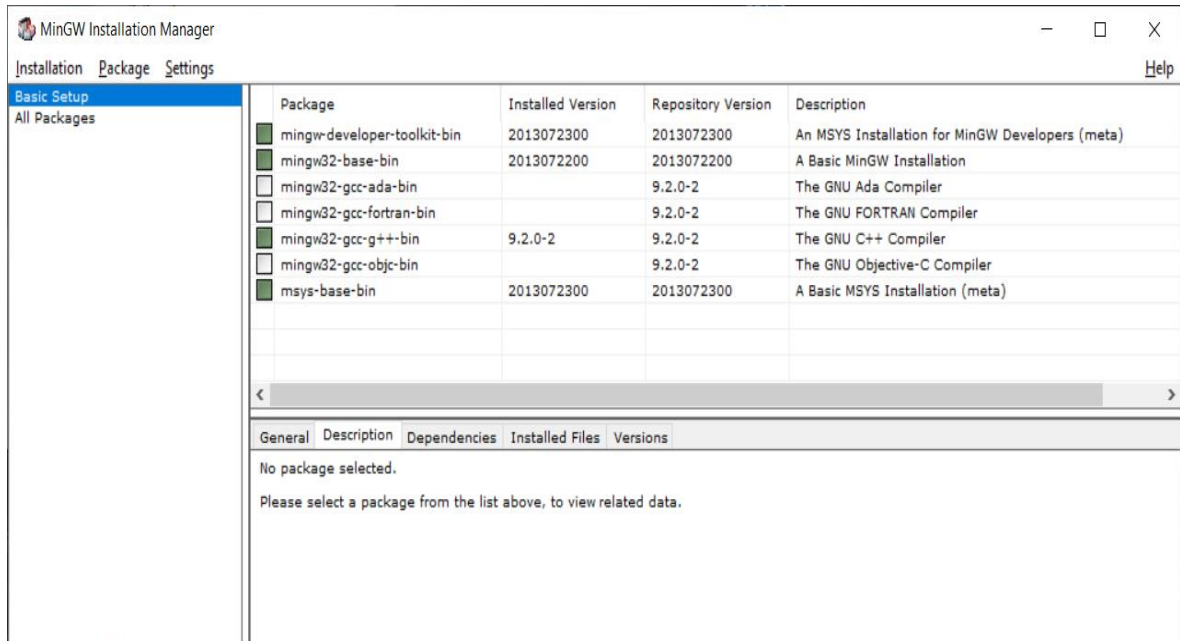
<https://sourceforge.net/projects/mingw/files/latest/download>

The screenshot shows the SourceForge project page for MinGW. The page has a dark header with the SourceForge logo and navigation links. Below the header, there's a section for the project titled "MinGW - Minimalist GNU for Windows". It includes a description: "A native Windows port of the GNU Compiler Collection (GCC)", the names of the maintainers: "Brought to you by: cstrauss, earnie, gressett, keithmarshall", and a "PROJECT OF THE MONTH SEP 2005" badge. There are also statistics: "179 Reviews", "Downloads: 2,387,307 This Week", and "Last Update: 2018-07-13". A large green "Download" button is prominent. Below this, there's a tabbed interface with "Summary" selected. The summary text states: "This project is in the process of moving to osdn.net/projects/mingw, you can continue to follow us there." It also provides a detailed description of MinGW as a native Windows port of the GNU Compiler Collection (GCC). At the bottom, there's a "Project Samples" section with several small thumbnail images of installation managers.

- After downloading, run the installer.
- This screen should come up, click install and accept defaults



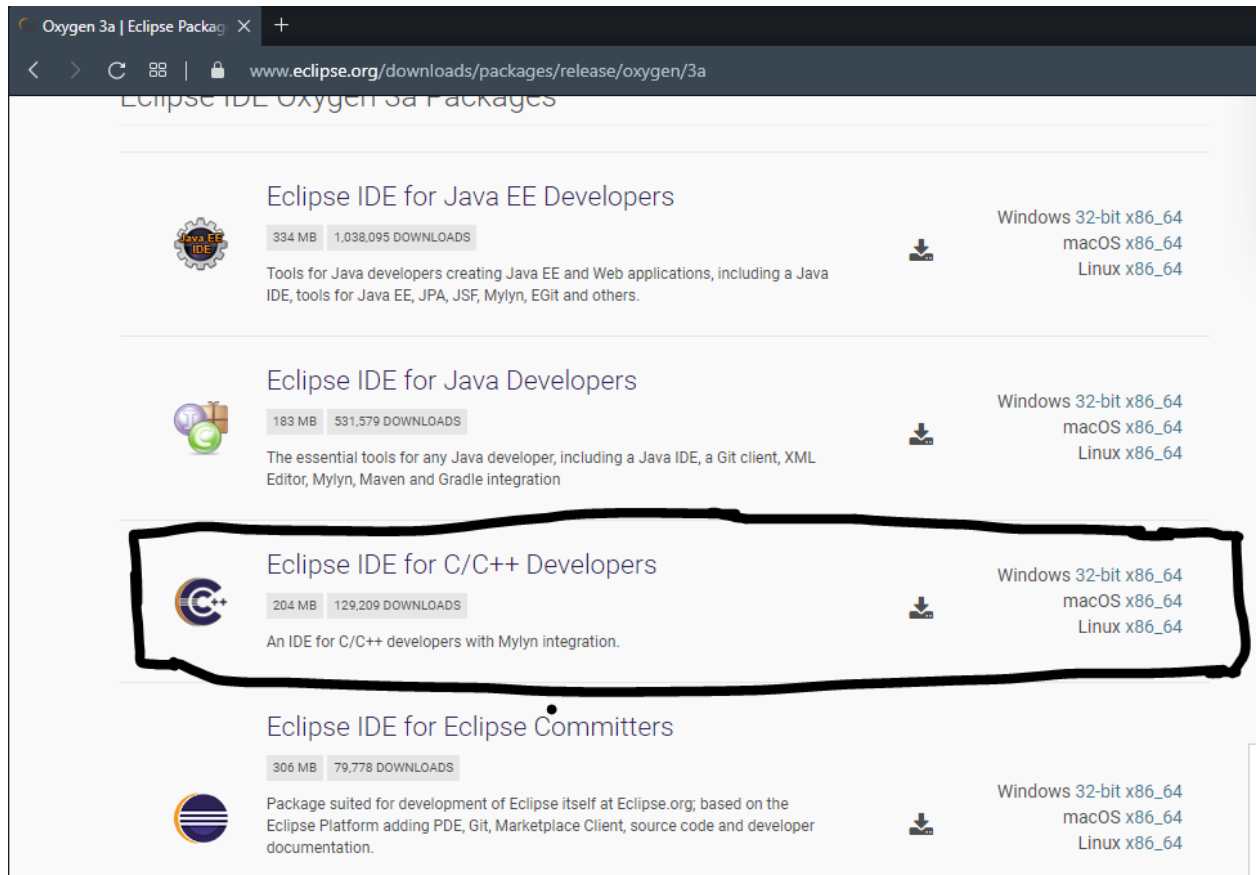
- Continue on until you reach this screen, mark each of these packages that have a green box shown here for install



- Once those four packages are marked for install, go to the top left corner and under "Installation", click "Apply Changes".
- Continue on and let the packages download, once done select finish/close

Step 3: Installing Eclipse

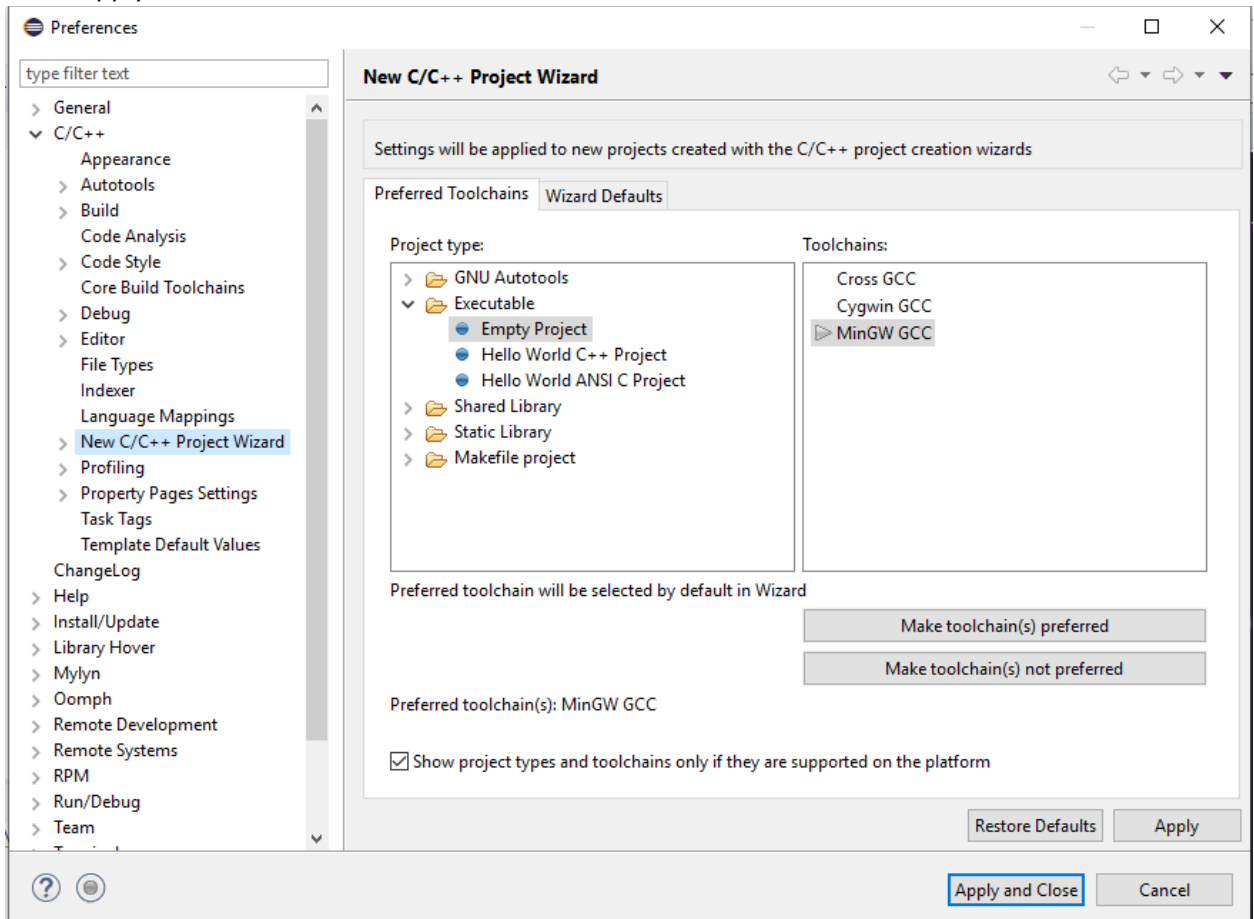
- Go to <https://www.eclipse.org/downloads/packages/release/oxygen/3a>
- Click the following download button



- A zip folder with Eclipse Oxygen will download
- After it is downloaded, extract or unzip the content from the zipped file
- Navigate to eclipse.exe to run eclipse

Step 4: Set MinGW as default compiler when creating new projects

- Go to Windows -> Preferences
- In Preference window select C/C++ -> New C/C++ Project
- In the toolchain box select MinGW GCC
- Click button “Make toolchain(s) Preferred” and an arrow pointing MinGW GCC should appear
- Click “Apply and Close”



- Now when creating a new project, MinGW GCC should be selected for you