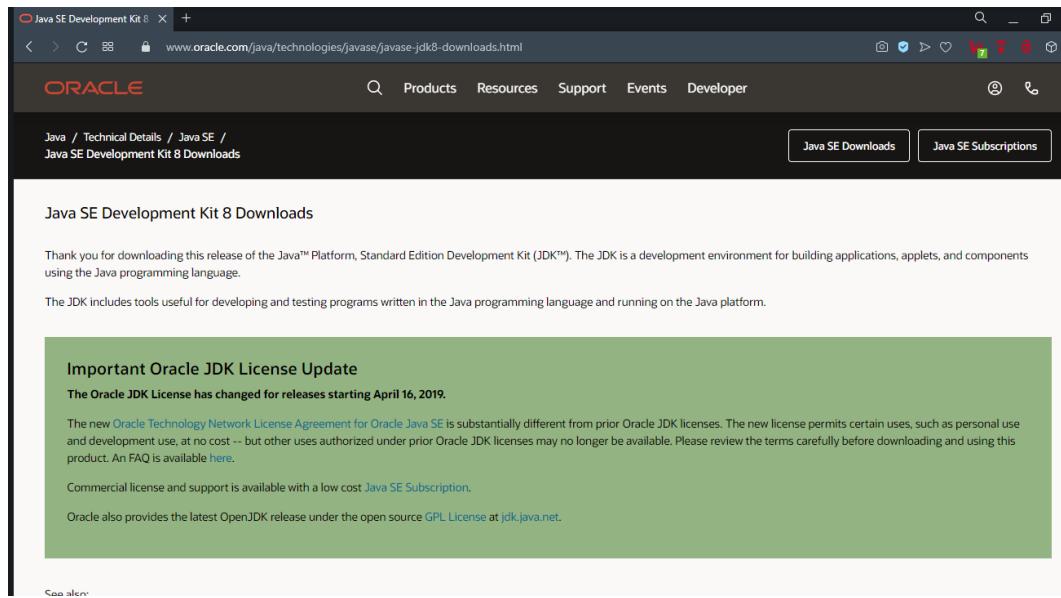


## How to Download and Install Eclipse

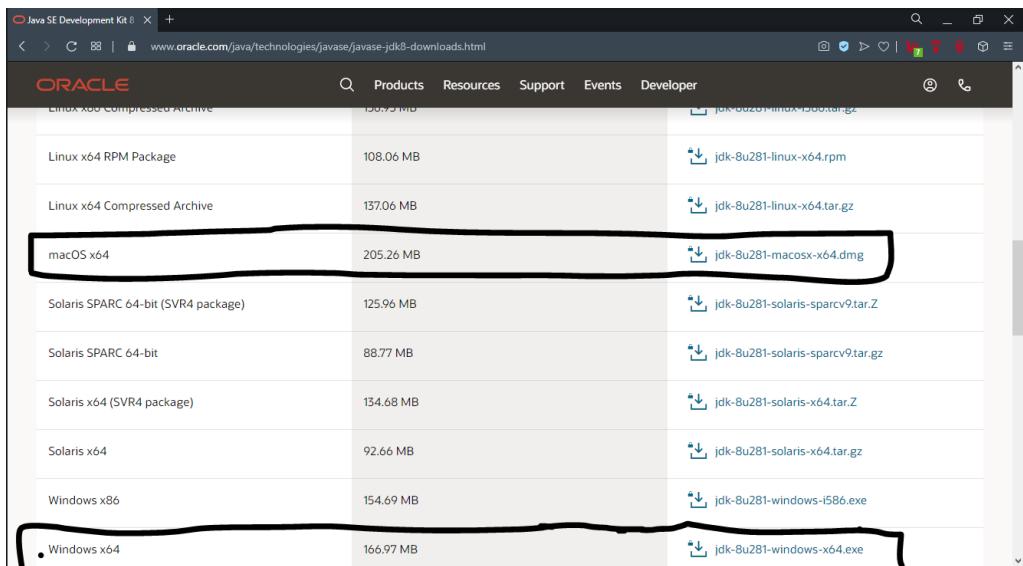
### Step 1: Install Java JDK 8

- Go to Oracle website to download Java JDK 8

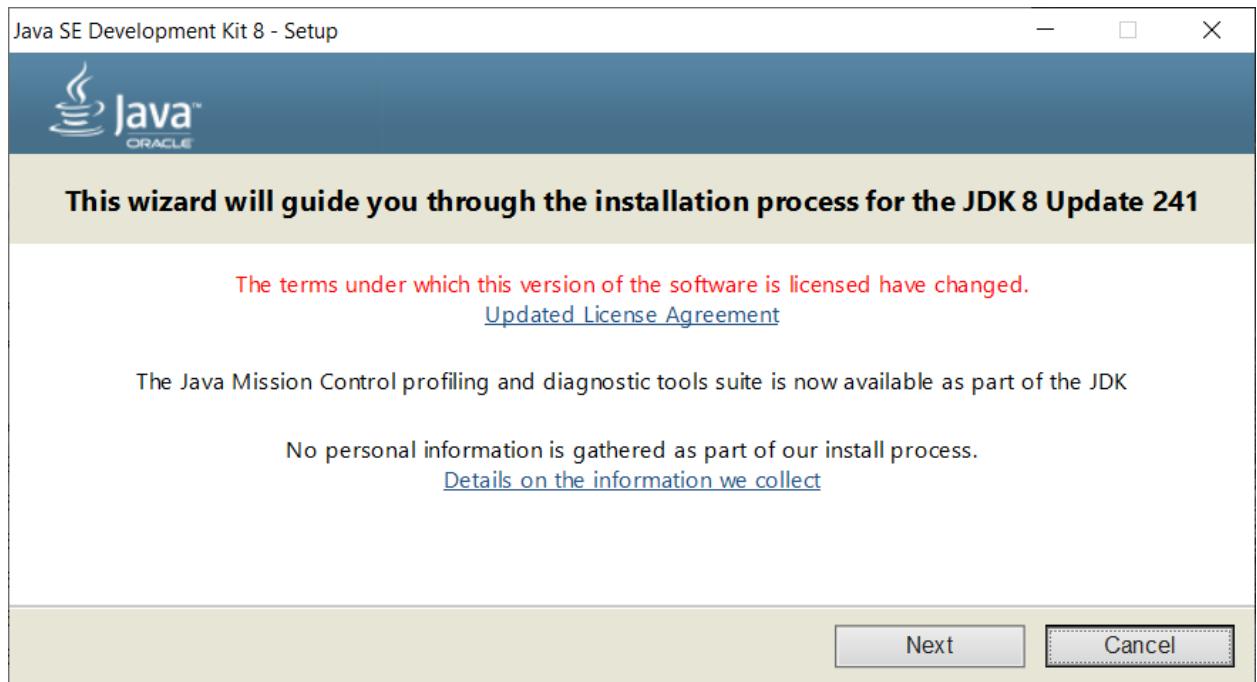
- <https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html>



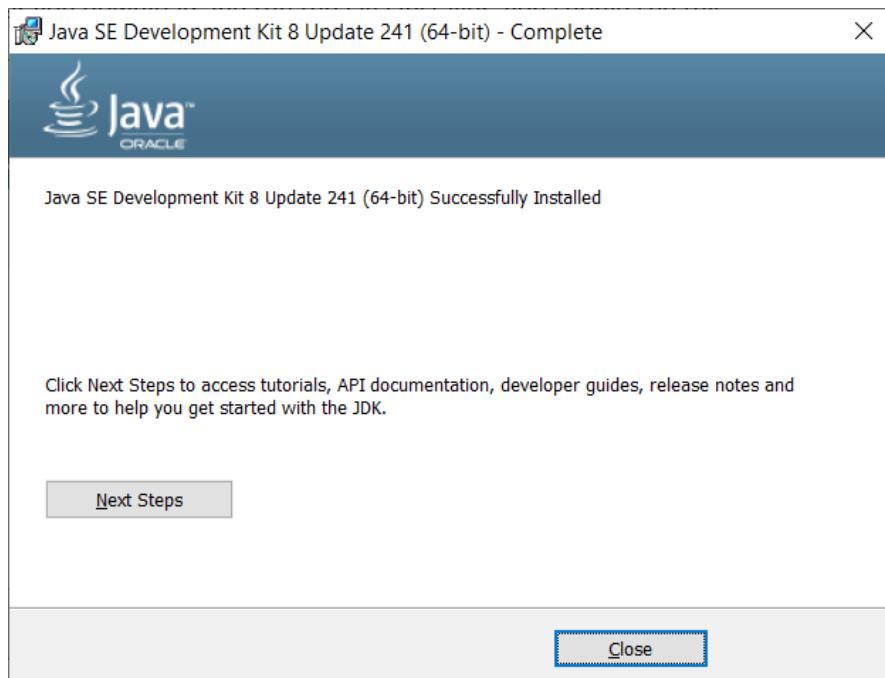
- Scroll down and select the appropriate link for your Operating System



- 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



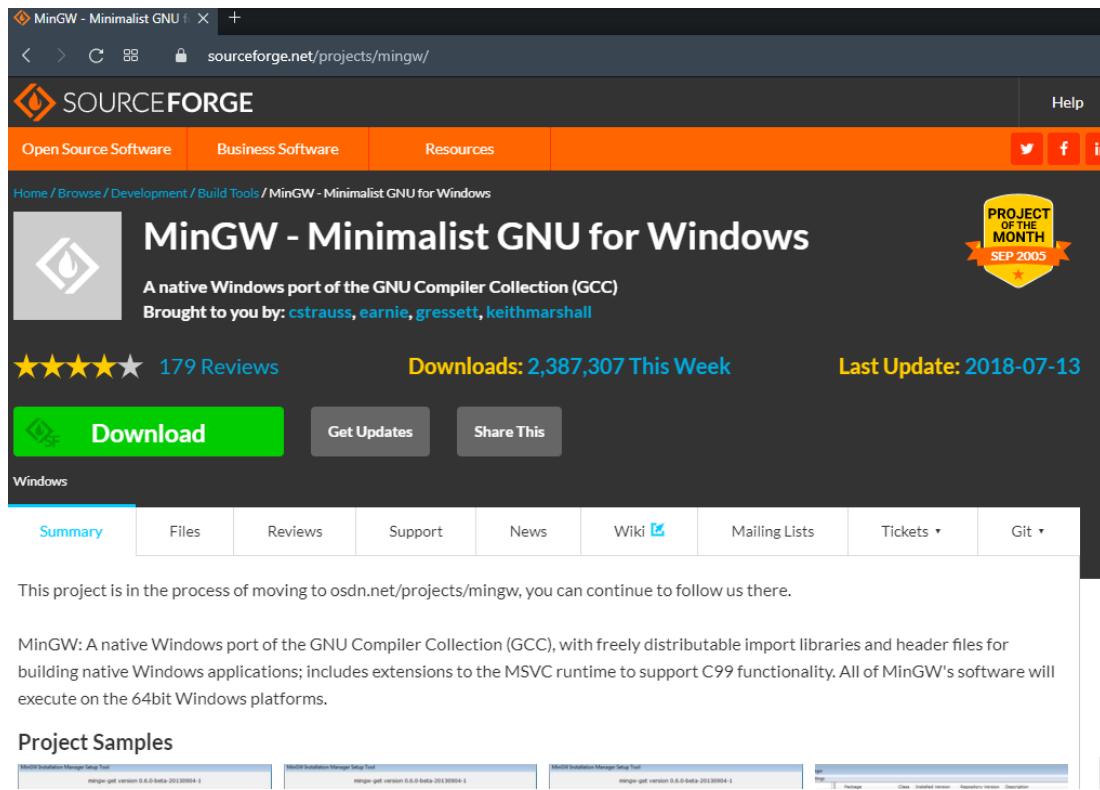
- Accept all defaults and keep clicking next until you see this screen, then click close



## Step 2: Installing Mingw

- Download MingW for windows:

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



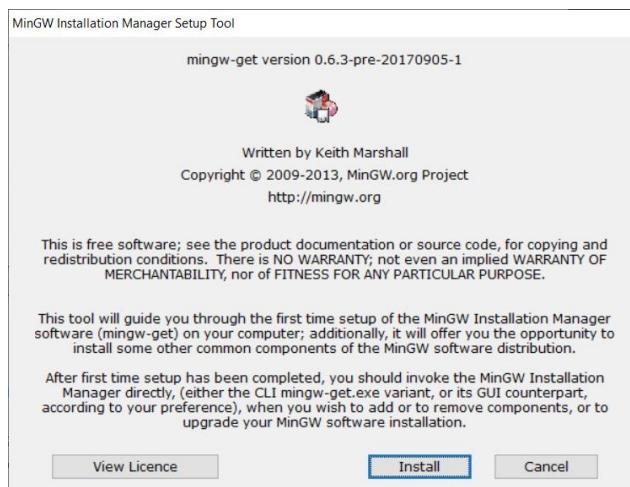
This project is in the process of moving to osdn.net/projects/mingw, you can continue to follow us there.

MinGW: A native Windows port of the GNU Compiler Collection (GCC), with freely distributable import libraries and header files for building native Windows applications; includes extensions to the MSVC runtime to support C99 functionality. All of MinGW's software will execute on the 64bit Windows platforms.

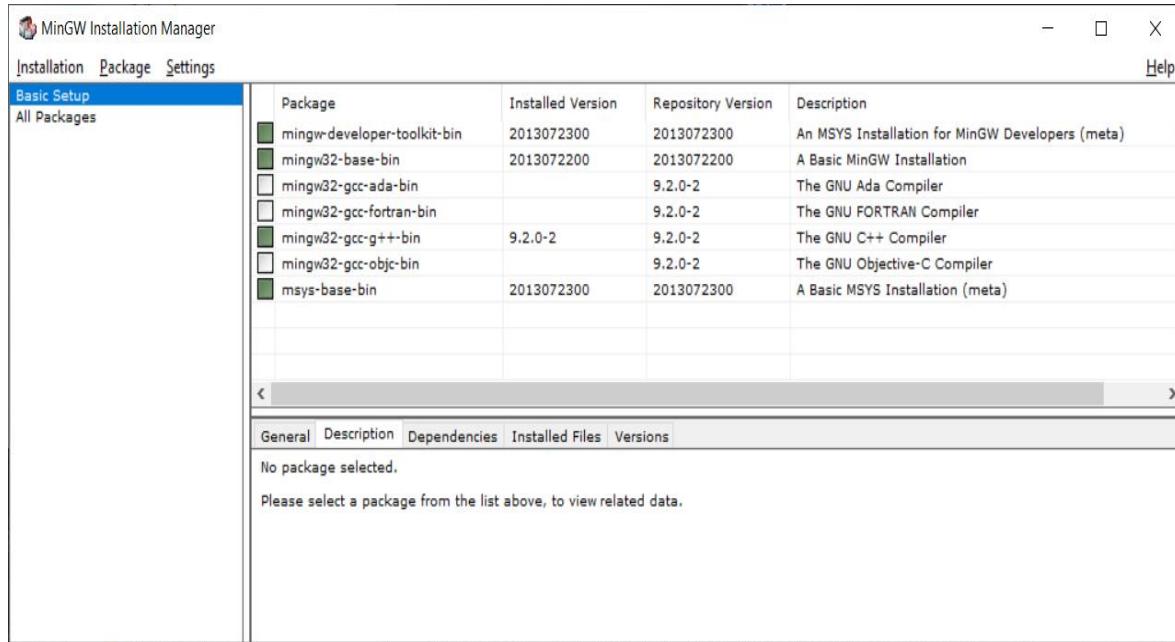
**Project Samples**

- [MinGW Installation Manager Setup Tool](#)
- [mingw-get version 0.6.0-beta-20130904-1](#)
- [MinGW Installation Manager Setup Tool](#)
- [mingw-get version 0.6.0-beta-20130904-1](#)
- [MinGW Installation Manager Setup Tool](#)
- [mingw-get version 0.6.0-beta-20130904-1](#)

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



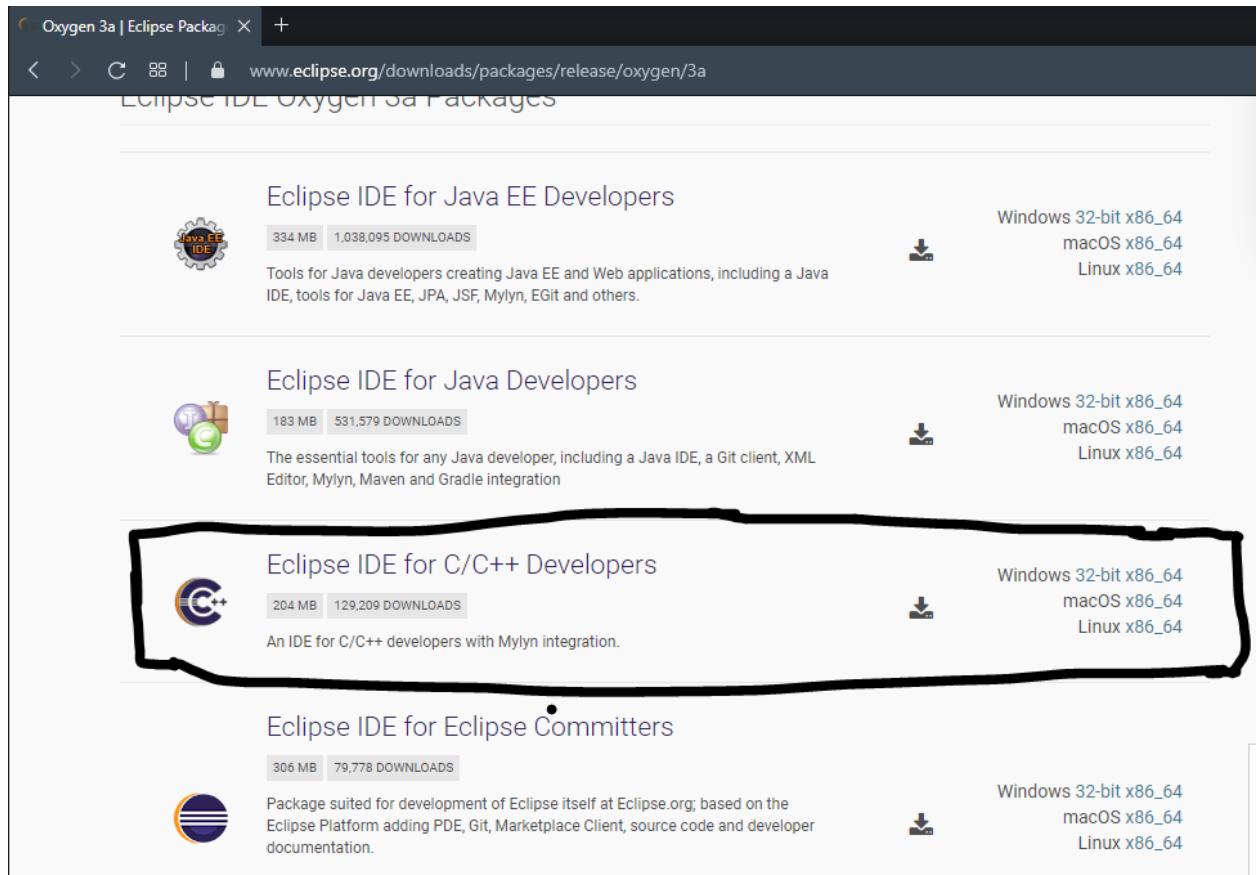
- Continue on until you reach this screen, mark each of these packages that have a green box shown here for install



- 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

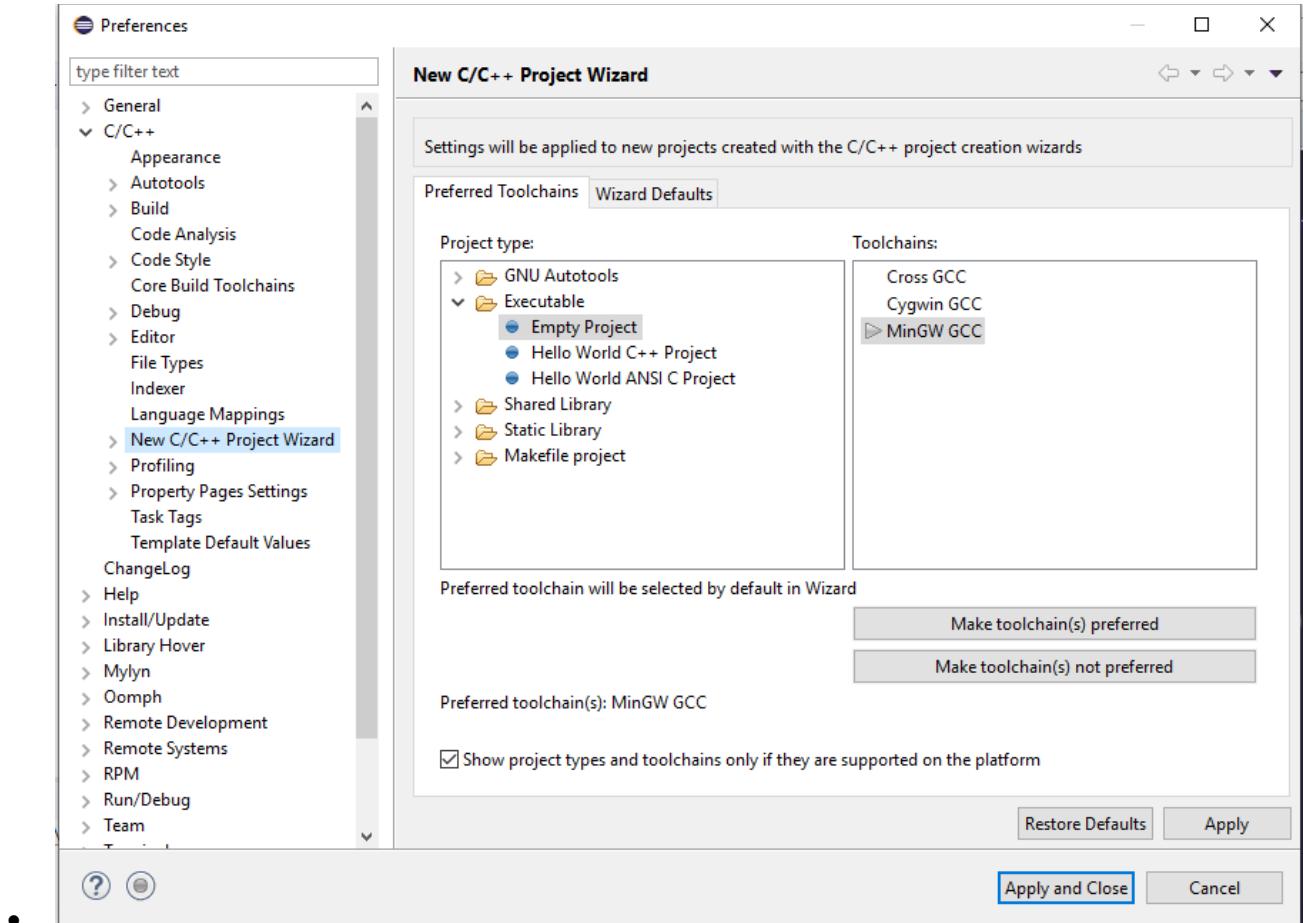
- Go to <https://www.eclipse.org/downloads/packages/release/oxygen/3a>
- Click the following download button



- 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