

Installing Java and Eclipse



Downloading and Installing Java



Java Download Site: <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

The screenshot shows the Oracle Java SE Downloads page. At the top, there's a navigation bar with the Oracle logo, a menu icon, a search bar, and user account options. Below the header, the URL 'oracle.com' is visible in the address bar.

The main content area is titled 'Java SE Downloads'. It features a large 'Java' logo with a coffee cup icon and a 'DOWNLOAD' button. To the right of this, there's a sidebar titled 'Java SDKs and Tools' containing links for Java SE, Java EE and Glassfish, Java ME, Java Card, NetBeans IDE, Java Mission Control, Java Resources, Java APIs, Technical Articles, Demos and Videos, Forums, Java Magazine, Developer Training, Tutorials, and Java.com. A blue callout bubble with the word 'Click' points to the 'Java Platform, Standard Edition' section.

The 'Java Platform, Standard Edition' section contains a heading 'Java SE 10.0.2', a brief description, a 'Learn more' link, and a list of download links:

- Java Platform (JDK) 11 DOWNLOAD
- Java Platform, Standard Edition DOWNLOAD
- Server JRE DOWNLOAD
- JRE DOWNLOAD

Below these links, there's a section titled 'Which Java package do I need?' with a bullet point about Software Developers needing the JDK.



Download the Java SE JDK

The screenshot shows a web browser window for oracle.com. The page is titled "Java SE Development Kit 10 Downloads". A blue callout bubble on the left says "Accept License Agreement" with an arrow pointing to the "Accept License Agreement" radio button. Another blue callout bubble on the right says "Choose the right download for your computer" with an arrow pointing to the download links for different operating systems.

Accept License Agreement

Choose the right download for your computer

Java SE Development Kit 10 Downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, and components using the Java programming language.

The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

See also:

- [Java Developer Newsletter](#): From your Oracle account, select **Subscriptions**, expand **Technology**, and subscribe to **Java**.
- [Java Developer Day hands-on workshops \(free\)](#) and other events
- [Java Magazine](#)

0.0.2 checksum

Java SE Development Kit 10.0.2

You must accept the [Oracle Binary Code License Agreement for Java SE](#) to download this software.

Accept License Agreement Decline License Agreement

Product / File Description	File Size	Download
Linux	306 MB	jdk-10.0.2_linux-x64_bin.rpm
Linux	338.43 MB	jdk-10.0.2_linux-x64_bin.tar.gz
macOS	395.46 MB	jdk-10.0.2_osx-x64_bin.dmg
Solaris SPARC	207.07 MB	jdk-10.0.2_solaris-sparcv9_bin.tar.gz
Windows	390.25 MB	jdk-10.0.2_windows-x64_bin.exe

Java SDKs and Tools

- [Java SE](#)
- [Java EE and Glassfish](#)
- [Java ME](#)
- [Java Card](#)
- [NetBeans IDE](#)
- [Java Mission Control](#)

Java Resources

- [Java APIs](#)
- [Technical Articles](#)
- [Demos and Videos](#)
- [Forums](#)
- [Java Magazine](#)
- [Developer Training](#)
- [Tutorials](#)
- [Java.com](#)



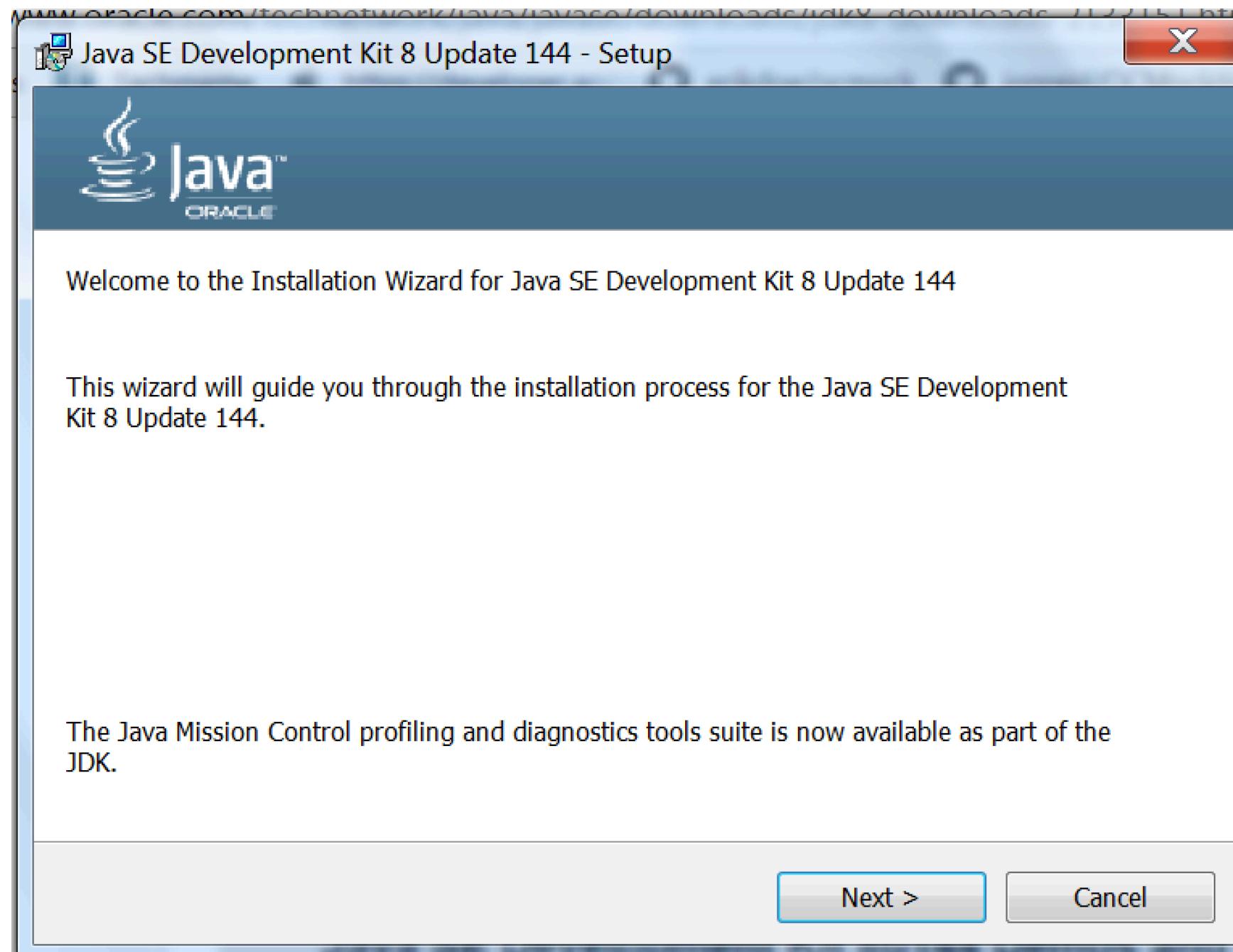
Install Java

- Oracle's website will deliver the installer for your computer
 - ▶ Mac OS: jdk-10.0.2_osx-x64_bin.dmg
 - ▶ Windows: jdk-10.0.2_windows-x64_bin.exe
- Click on the downloaded program/binary/icon and install java
 - ▶ Mac OS: Open the DMG and click on the JDK 10.0.2.pkg
 - ▶ Windows: Click on the executable (exe file)
- NOTE: Your version may be later than 10.0.2, and that's ok!



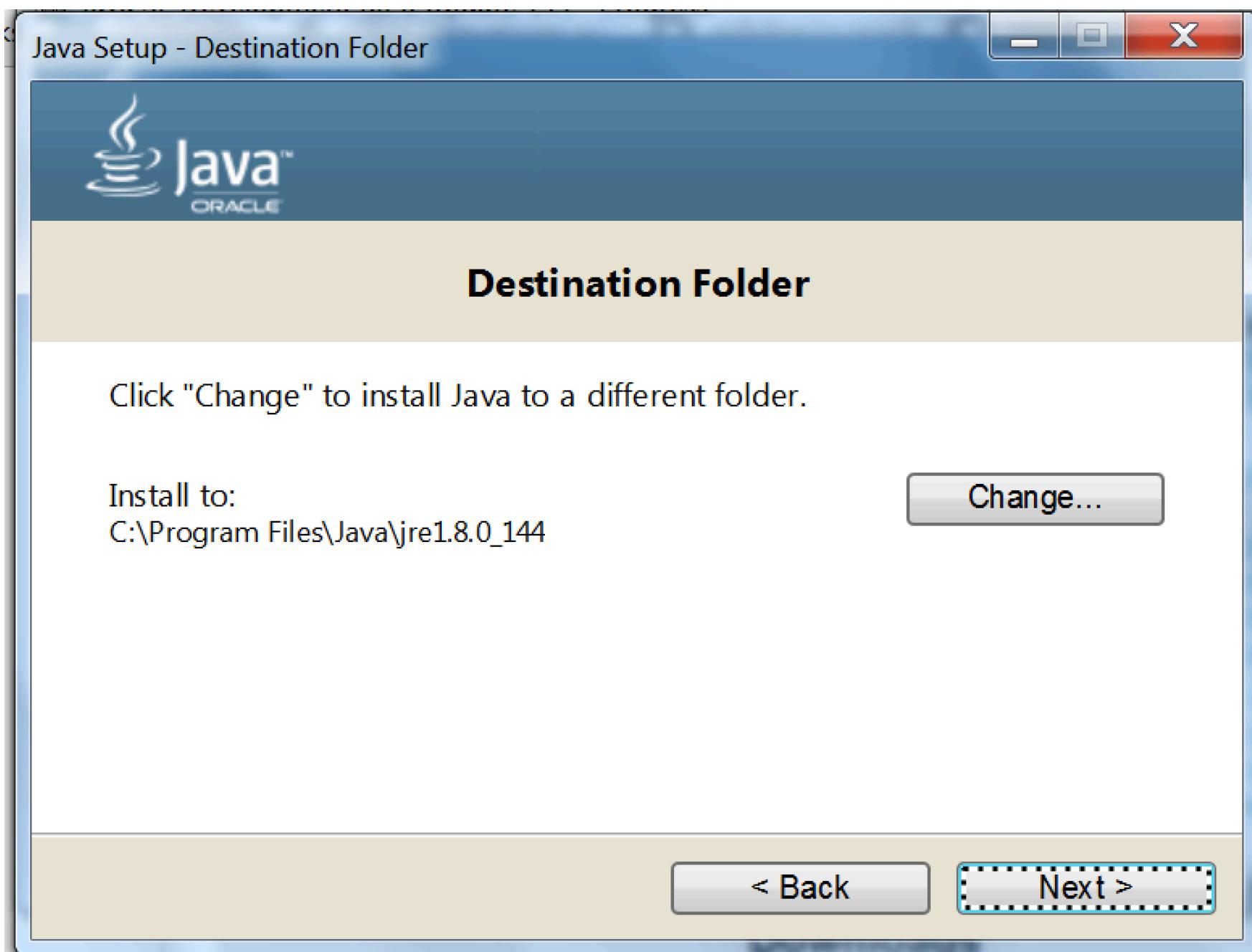
Java on Windows

- The installer dialog allows you to proceed. Click the Next button.



Java on Windows

- The installer knows where to install the JDK and the JRE on your computer. It also resets your registry to use the latest installed version. No reason to change.



Java on Windows

- No need to download more materials (Next Steps). Click the Close button.



Downloading and Installing Eclipse



Eclipse Download Site: <https://www.eclipse.org/downloads/packages/installer>

The screenshot shows the Eclipse Foundation website at [eclipse.org](https://www.eclipse.org). The top navigation bar includes links for Members, Working Groups, Projects, More, and a prominent orange 'Download' button. Below the navigation, a breadcrumb trail shows Home / Downloads / Packages / Eclipse Installer. The main content area is titled 'Eclipse Installer' and features a large call-to-action button with the text 'Try the Eclipse **Installer**'. It describes the installer as the easiest way to install and update the Eclipse Development Environment, with over 1,610,175 downloads. To the right, there's a 'Download' section with links for Mac OS X 64 bit, Windows 32 bit | 64 bit, and Linux 32 bit | 64 bit. A blue callout bubble points to this section with the text 'Choose the right download for your computer'. Further down, there's a section titled '5 Steps to Install Eclipse' which explains the new Eclipse Installer. On the right side of the page, there's an advertisement for 'DevOps World' and another section for 'Get Eclipse PHOTON' with a 'Download 64 bit' button.

ECLIPSE FOUNDATION

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Home / Downloads / Packages / Eclipse Installer

Eclipse Installer Eclipse Packages Eclipse Developer Builds

Eclipse Installer

Try the Eclipse **Installer**

The easiest way to install and update your Eclipse Development Environment.

1,610,175 Downloads

Download

Mac OS X 64 bit
Windows 32 bit | 64 bit
Linux 32 bit | 64 bit

Choose the right download for your computer

5 Steps to Install Eclipse

We've recently introduced the Eclipse Installer, a new and more efficient way to install Eclipse. It is a proper installer (no zip files), with a self-extracting download that leads you through the installation process. For those who prefer not to use the Installer, the packages and zip files are still available on our [package download](#) page.

The Event for Everything Jenkins & DevOps

DevOps World

Get Eclipse **PHOTON**

Install your favorite Eclipse packages.

[Download 64 bit](#)

[Download Packages](#) | [Need Help?](#)

Download

A screenshot of a web browser displaying the Eclipse.org download page. A large blue callout bubble with the word "Click" is positioned over the "Download" button. The page shows download links for "Canada - University of Waterloo Computer Science Club" with the file "eclipse-inst-mac64.tar.gz" and SHA-512 hash. There is also a link to "Select Another Mirror". To the right, there is an advertisement for "CRYSTAL REPORTS FOR ECLIPSE" with a SAP logo.

All downloads are provided under the terms and conditions of the [Eclipse Foundation Software User Agreement](#) unless otherwise specified.

Download

Download from: Canada - University of Waterloo Computer Science Club (<http://>)

File: [eclipse-inst-mac64.tar.gz](#) SHA-512

[>> Select Another Mirror](#)

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Download the latest Eclipse easily and discover how to

Genuitec

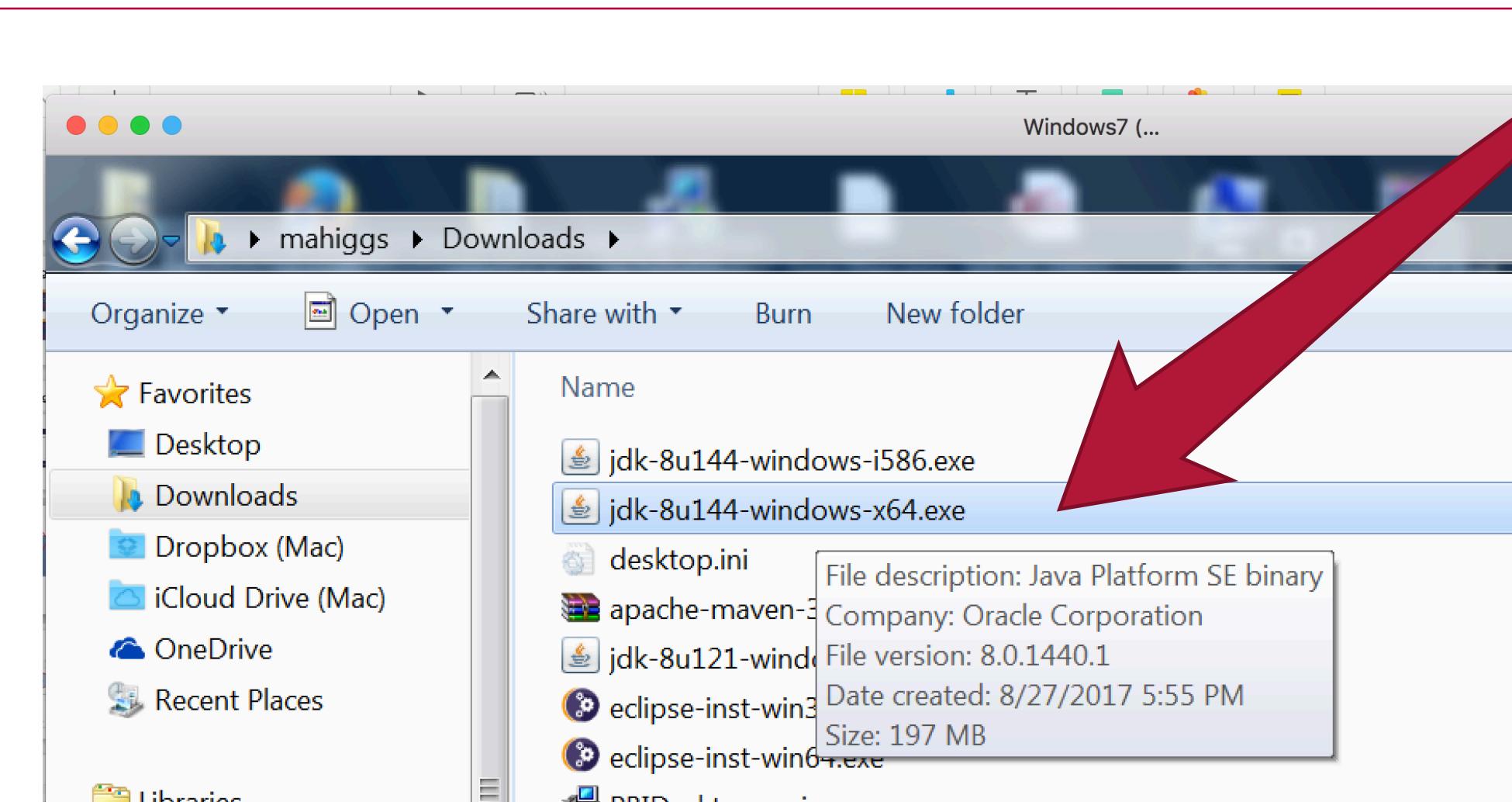
Native installers for all OS platforms, lightning fast

A .tar file will be delivered to your downloads folder

Start the installer....

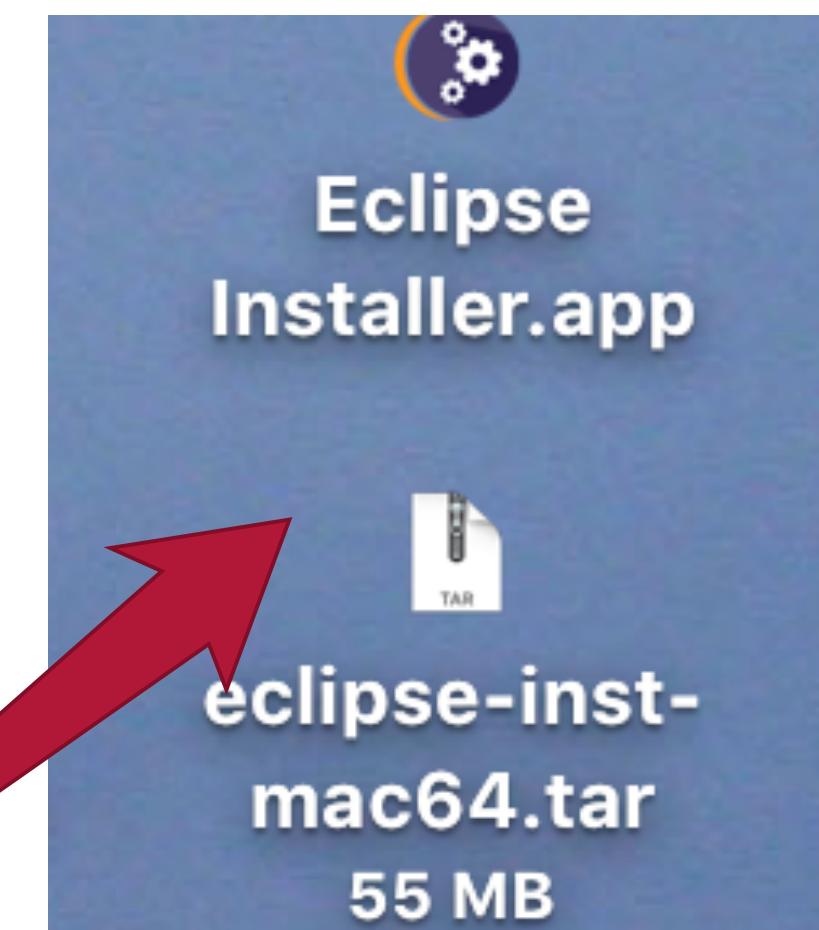
- **Windows**

- ▶ Run/Launch/start the downloaded exe file. It's probably in your downloads folder.



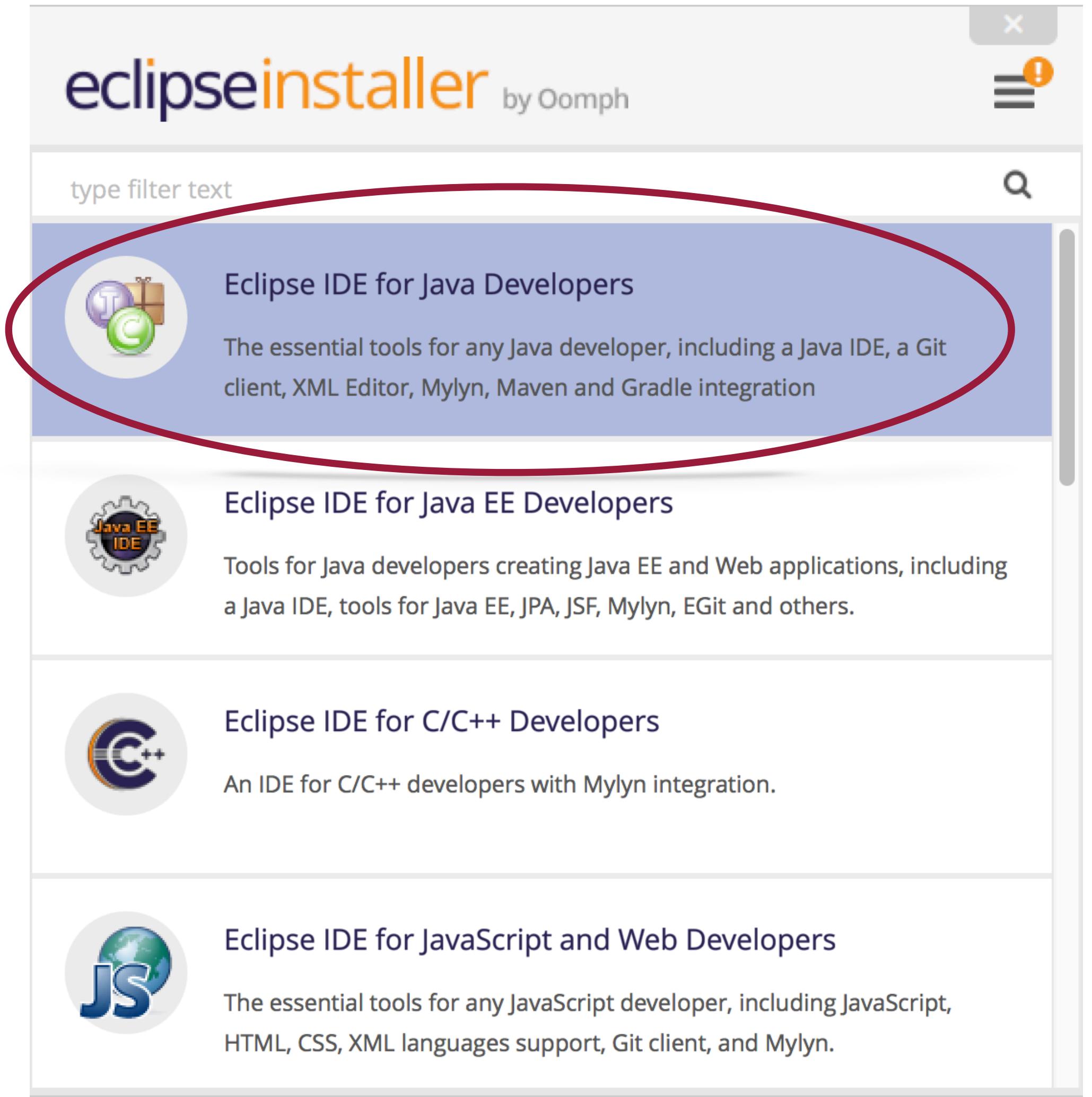
- **Mac OS**

- ▶ Click on the downloaded “**eclipse-inst-mac64.tar**” file to decompress. It's probably in your downloads folder.
- ▶ You should see the **Eclipse Installer.app** icon appear.
- ▶ Click on the **Eclipse Installer.app** icon to start the installer.



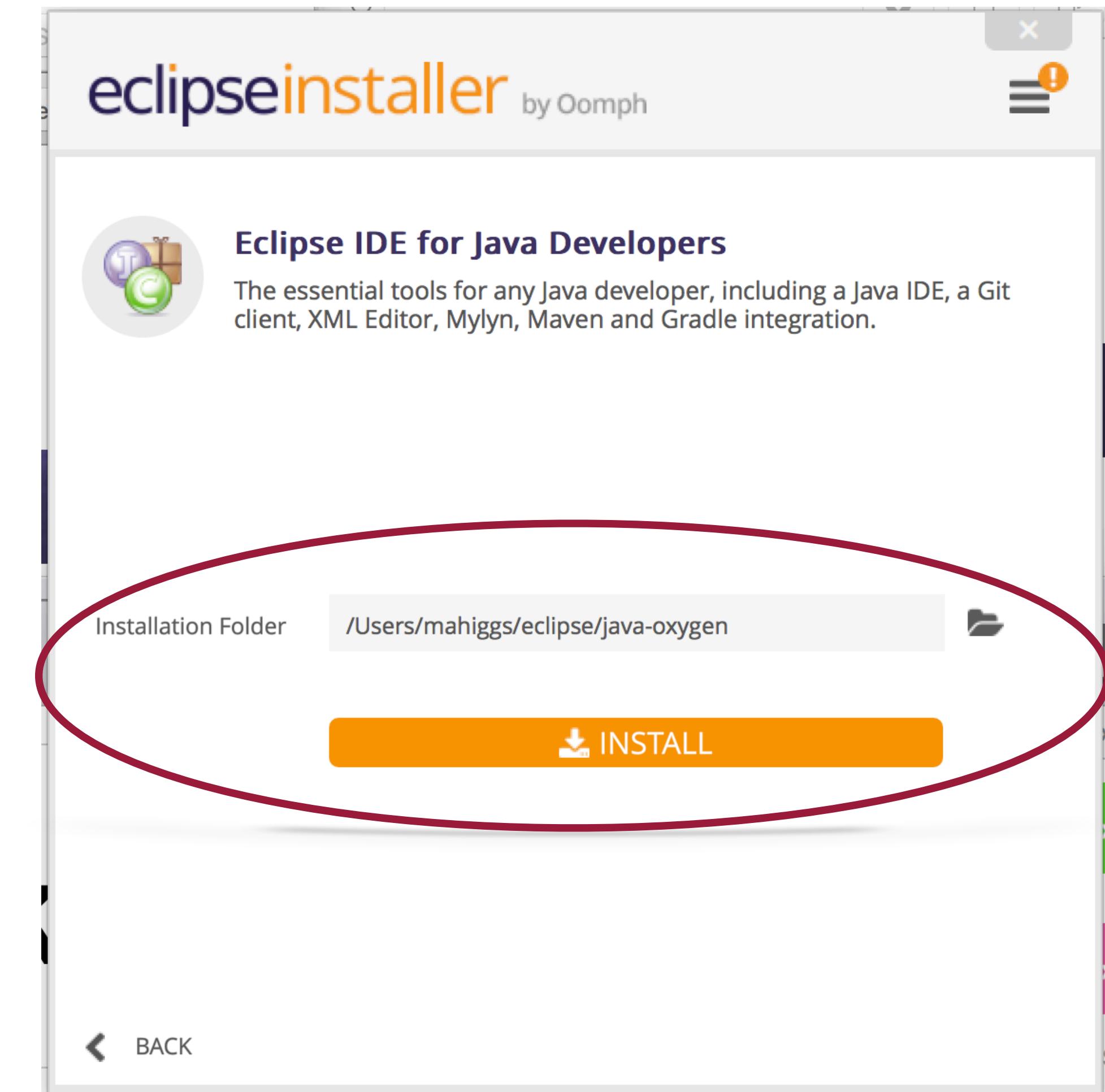
Run the installer...

- The installer will allow you to choose special, preconfigured packages.
- Click/select the Eclipse IDE for Java Developers package.
- Note: you can install multiple versions and multiple packages without interfering with each other.



Install the IDE...

- We recommend you install eclipse at the default location, a folder called **eclipse** inside your user folder.
- Click the **Install** button.
- You'll have to accept the license agreements.

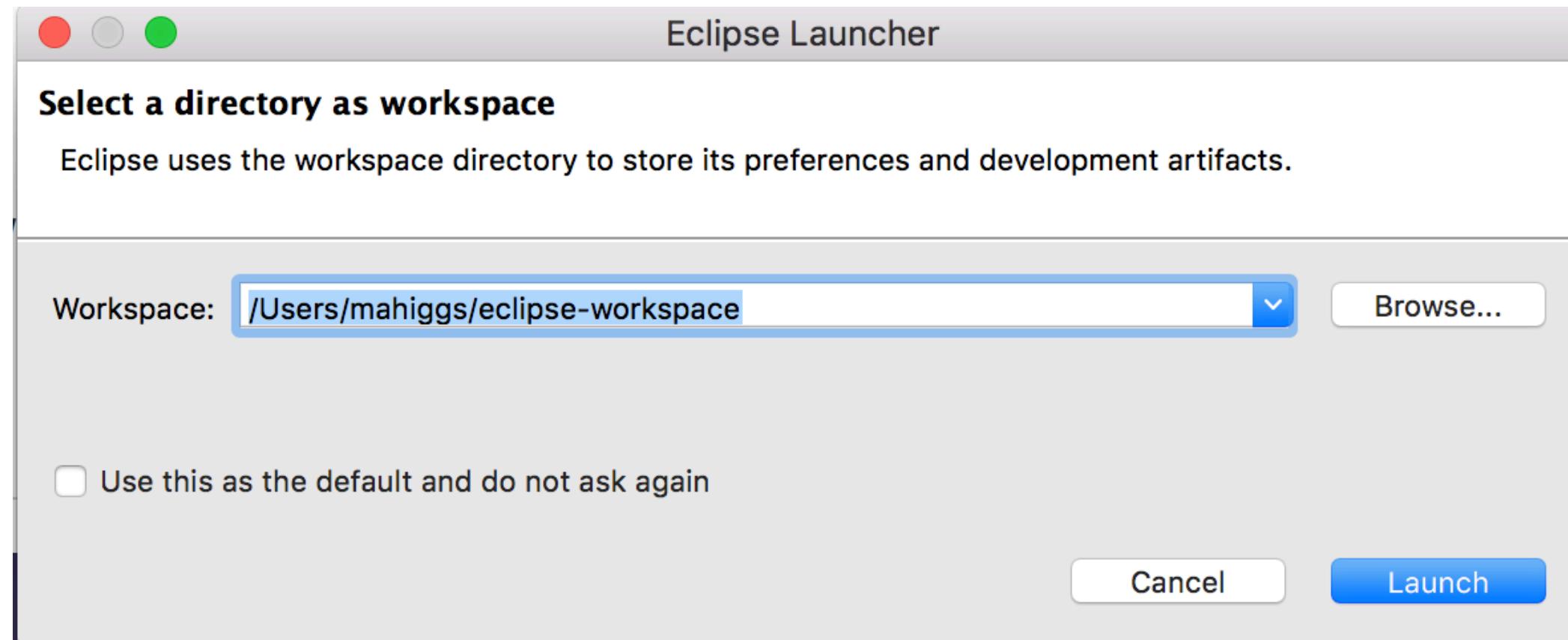


Launch Eclipse IDE...

- If all is well, the installer will finish and allow you to Launch Eclipse immediately.
- Click on the LAUNCH button.



When you start Eclipse....



When you start eclipse, you get to choose which workspace in which to work.

- **Eclipse will setup some files in your desired workspace. Use the browse button to select the workspace folder you created for cs110.**
- **If you create difference workspaces, you can switch between them as often as you like. I create a separate workspace folder for every class or for every company I work for.**
- **Do NOT check the checkbox to use the selected workspace by default.**



Welcome

- If you did it right, you will see the Eclipse Welcome Screen.
- Try the “Create Hello World application” link! Look for the instructions in the cheat sheets in the far right pane.

