

## Installing the Java Development Kit (JDK)


Before we can get started, we will need to download and install some necessary software, so that we can design and build full Java applications. The first thing you will need to download is the Java Development Kit, or JDK. You can find the download link in the Reference URL section of the “Environment Setup” task, or here:

- [Java Development Kit Download](#)

On the download page...

1. Click a link to download the JDK. The latest version might be different than what is shown here:

**ALERT!**  
Many users have indicated issues with downloading the Java 9 JDK!  
Please scroll down on the page to download the latest version of Java 8 instead.



Java Platform (JDK) 9

**Java SE 8u144**  
Java SE 8u144 includes important bug fixes. Oracle strongly recommends that all Java SE 8 users upgrade to this release.  
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integration (the Java plug-in), auto-update, nor an installer. [Learn more](#) ▶

- **End user running Java on a desktop: JRE:** (Java Runtime Environment). Covers most end-users needs. Contains everything required to run Java applications on your system.

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**Java SE 7 and Java SE 6 updates**  
Updates for Java SE 7 [released after April 2015](#), and updates for Java SE 6 released after April 2013 are only available to Oracle Customers through [My Oracle Support](#) (requires support login).

[Java SE Advanced](#) offers users commercial features, access to critical bug fixes, security fixes, and general maintenance.

**Early Access Releases**  
Early access versions of future releases of the JDK and the JRE are available for testing. These early access releases include future update and future major releases. These releases are licensed only for testing, not for use in production.

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2. Java versions are given as <Major Version><'u' for "update"><Minor Version> as shown below. Find the latest version, accept the license agreement, and then download the version appropriate to your operating system.

**Java SE Development Kit 8u112**

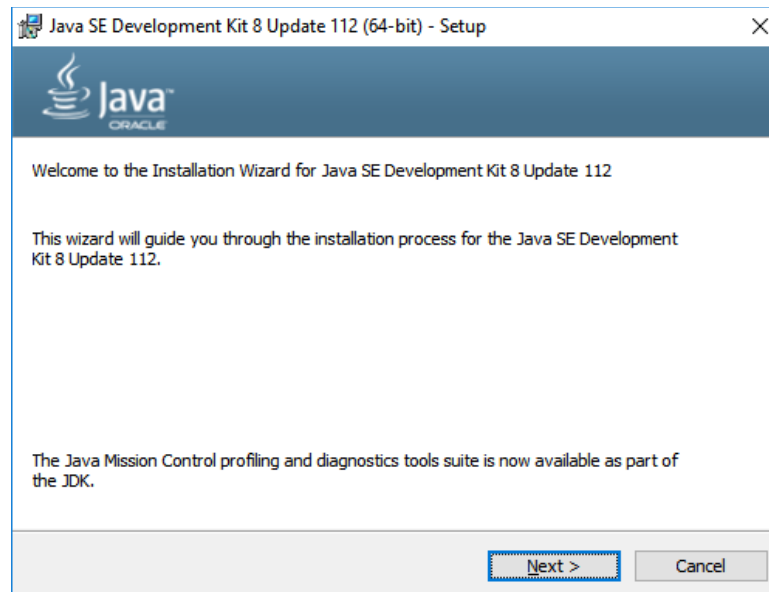
You must accept the [Oracle Binary Code License Agreement for Java SE](#) to download this software.

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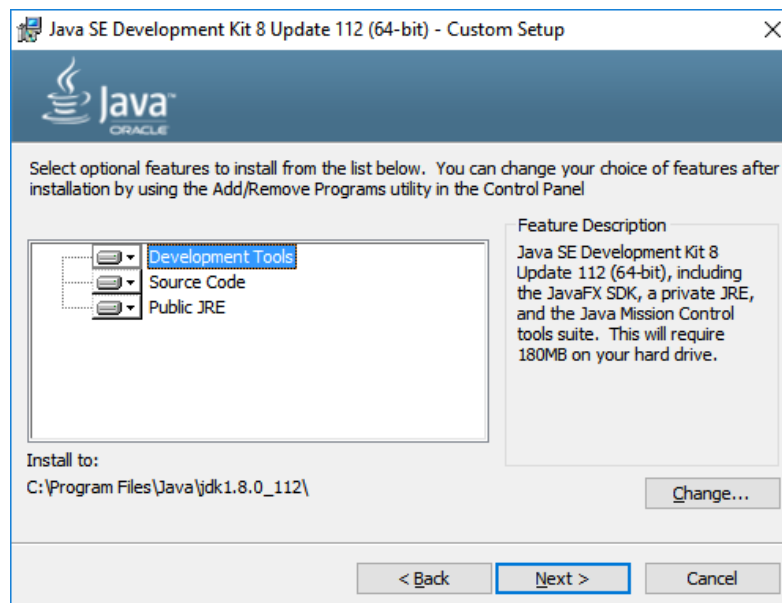
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Now, from your download directory...

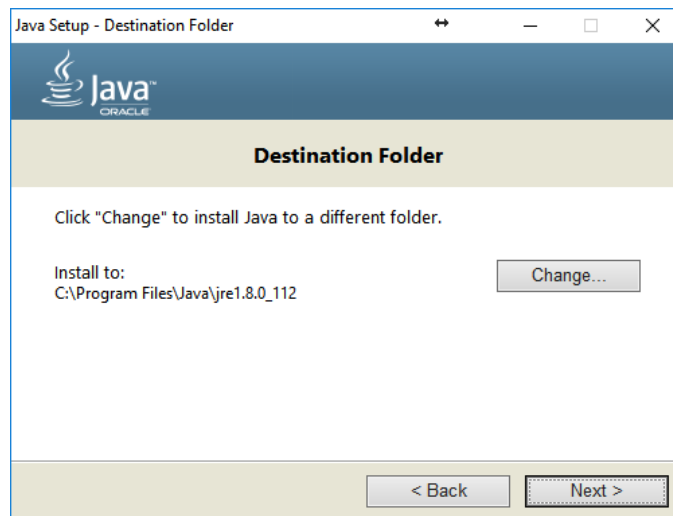
1. Run the installer you just downloaded. Click "Next >" at the first window (Setup):



2. Click "Next >" at the second window (Custom Setup):



3. Let the extraction run. On the next window (Destination Folder), click next:



4. Java will now be installed to the previously indicated destination. When the process is complete, click close.