1.00/1.001 HowTo: Install Java & Documentation
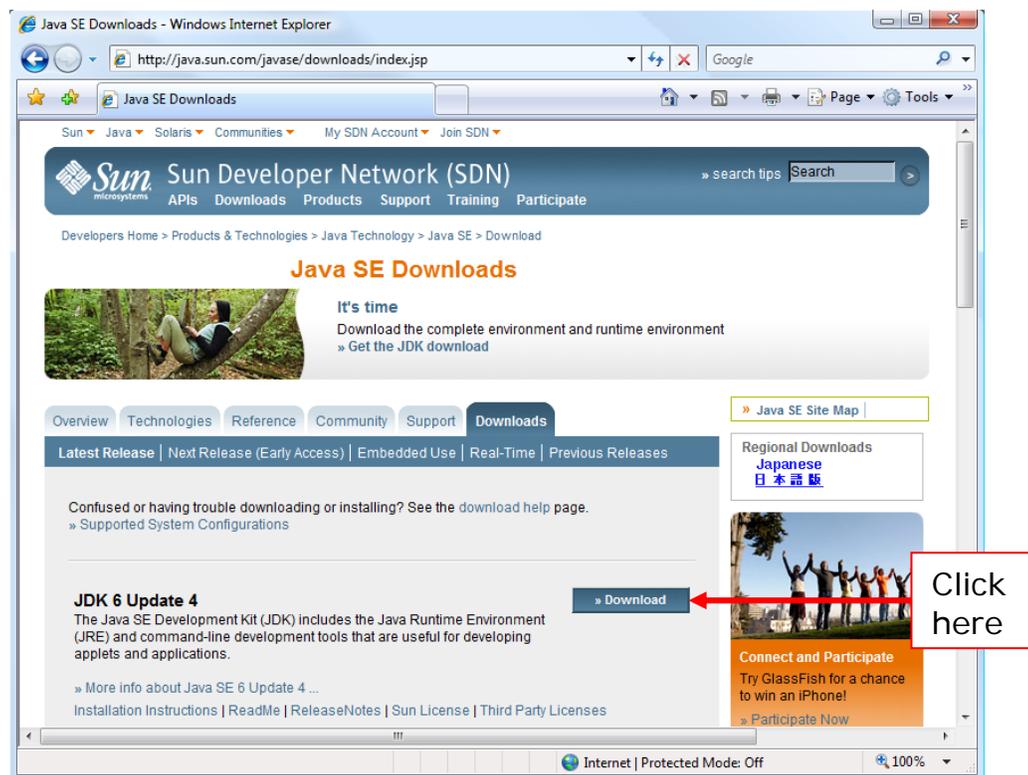
Spring 2008

Before you can program in Java for 1.00/1.001, you will need to install "Java Standard Edition, Java Development Kit 6 Update 2" (JDK 6u4) on your windows computer. You should note that Java Standard Edition has several numbering systems: 1.6.0_4, 6u4, and "JDK 6 Update 4" all refer to the same version. The Course 1.00/1.001 staff will only support JDK versions 5.0 and higher.

This document contains step-by-step instructions for installing JDK 6u4 and its documentation (Javadocs) on a Microsoft Windows computer. These are current as of February 2nd, 2007, but please be aware that minor changes occur frequently. If you have a question, please contact one of the 1.00 staff.

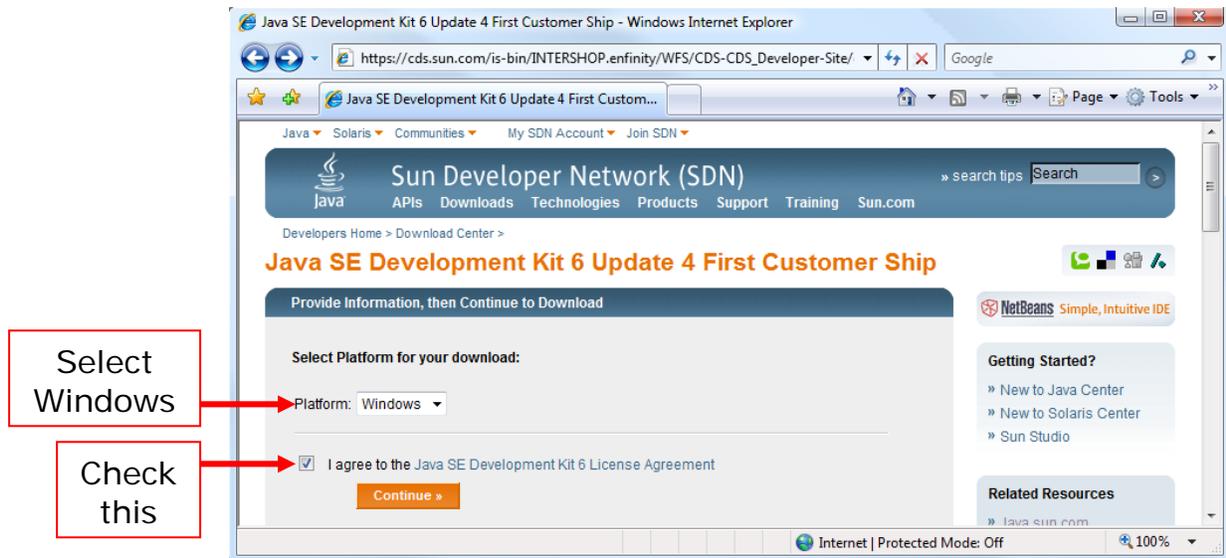### Step 1: Downloading JDK 6u4
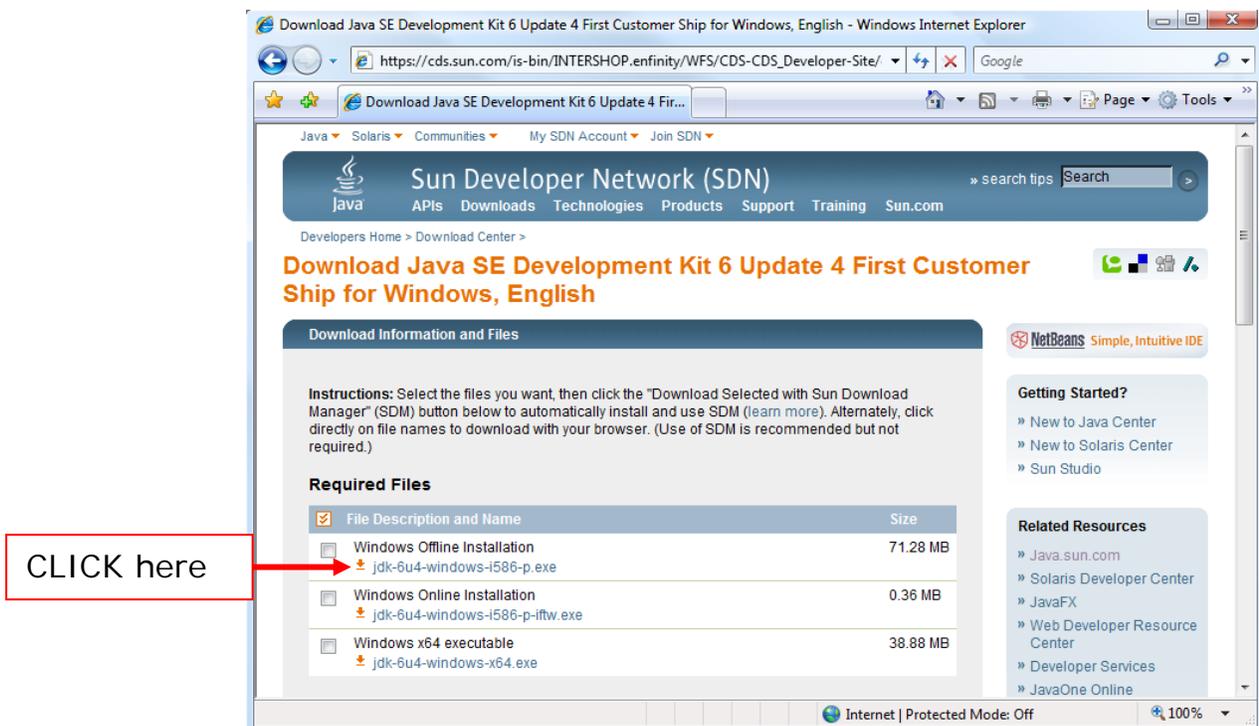
The JDK 6u4 can be downloaded from this website:

http://java.sun.com/javase/downloads/index.jsp

Please make sure you download the JDK, *not* the JRE. Click "Download" and you will be led to the Download page.

On the next page, select your platform (Windows). After carefully reading the License Agreement, select the radio button to Accept the agreement. Then click "Continue".

Then click *directly* on the "**Windows Offline Installation**" link (jdk-6u4-windows-i586-p.exe, 71.28 MB) to download the file. *DO NOT check the boxes: you do not want to use Sun's Download Manager.*

Step 2: Installing JDK 6u4

Once you have obtained the installation file for JDK 6u4 (Step 1), double-click it to begin the installation process. If you followed Step 1 and downloaded the "Offline Installation" you will *not* need an internet connection to complete the installation process. This process will lead you through a series of windows. They are:

1. License Agreement. Read the license agreement then click "Accept"

2. JDK Custom Setup. You do not need to make any changes to the default setting. Just verify the installation directory, which should be
C:\Program Files\Java\jdk1.6.0_04
Click "Next" to advance.

3. JRE Custom Setup. You do not need to make any changes to the default setting. Just verify the installation directory, which should be
C:\Program Files\Java\jre1.6.0_04
Click "Next" to advance.

4. Wizard Completed. At this point the installation of JDK 6u4 is complete. Click Finish to finish the installation process.

Step 3 (Optional): Downloading Java SE 6 Documentation

This step will guide you through downloading the Java documentation to your computer. Eclipse, the application you will use to write your Java programs, can use this documentation to create helpful tips. If you plan on working offline, having a local copy of the documentation will allow Eclipse to continue generating tips. ***If you will always be connected, you can skip this step (Eclipse will use the internet to retrieve the tips).***

You can download the Java SE 6 Documentation from this website:

http://java.sun.com/javase/downloads/index.jsp

Scroll down the page and click the "Download" button next to "Java SE 6 Documentation". The next page is labeled Java SE Development Kit Documentation 6.

After carefully reading the License Agreement, select the radio button to Accept the agreement. Then click *directly* on the "**Java(TM) SE Development Kit Documentation 6**" link (jdk-6-doc.zip, 52.36MB) to download the file. You should download the file to your Java installation directory. This will typically be:

C:\Program Files\Java\jdk1.6.0_04

making the path to the file:
C:\Program Files\Java\jdk1.6.0_04\jdk-6-doc.zip