1.00/1.001 HowTo: Install Java & Documentation

Fall 2004

Before you can program in Java for 1.00/1.001, you need to install Java 2 Platform, Standard Edition (J2SE 1.4.2) on your windows computer. J2SE version 1.4.2 is the only version supported by the Course 1.00/1.001 staff.

This document contains step-by-step instructions for installing J2SE 1.4.2 SDK and its Documentation (Javadoc) on a Microsoft Windows computer. These are current as of August 29, 2004, 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 J2SE 1.4.2 SDK

The J2SE 1.4.2 SDK can be downloaded from this website:

http://java.sun.com/j2se/1.4.2/download.html

First, navigate to the **Download J2SE v 1.4.2_05 SDK** area. Please make sure you download the SDK, not the JRE (see Figure 1). Now click **DOWNLOAD J2SE SDK** and you will be led to **License Agreement** page.
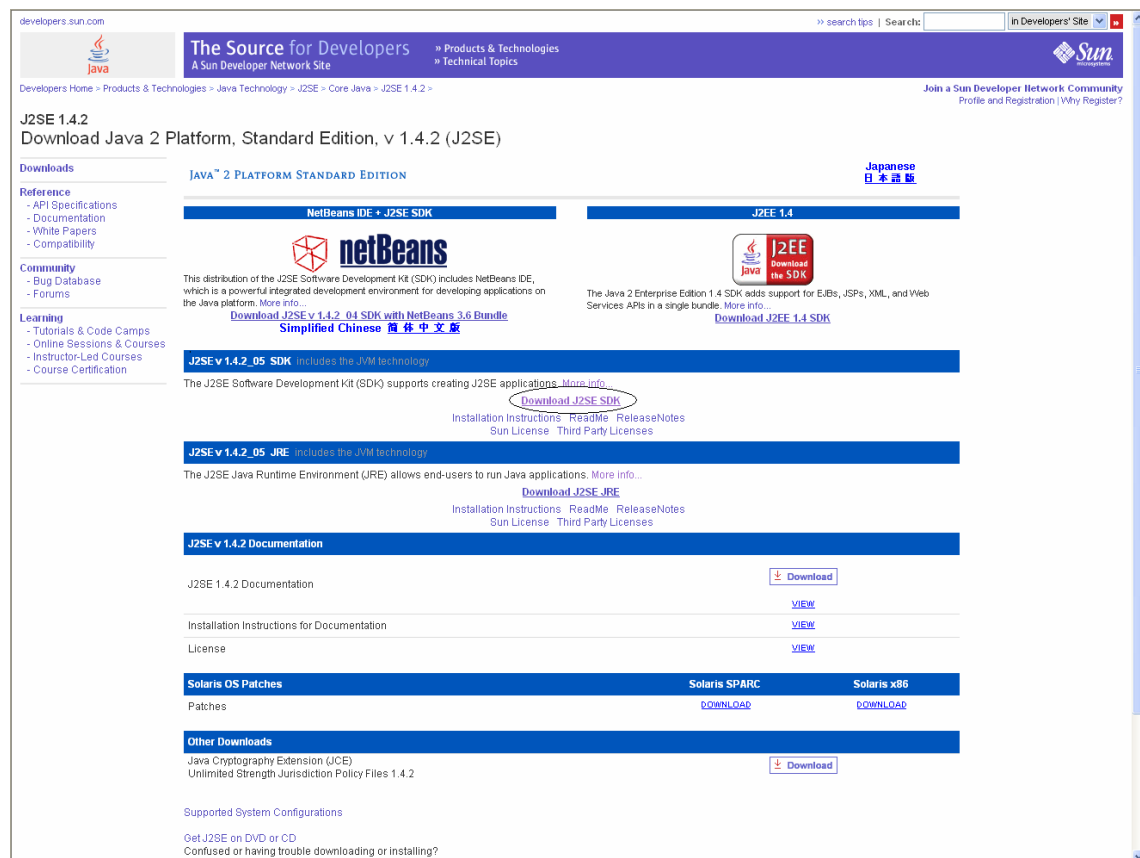

Figure 1

Just scroll all the way down to the bottom of the page and click **ACCEPT** and **Continue** (after reading it carefully, of course). The next page is labeled as **Java 2 SDK, Standard Edition 1.4.2_05**, and you will see **Windows Offline Installation, Multi Language (j2sdk-1_4_2_05-windows-i586-p.exe)**. You will be downloading **j2sdk-1_4_2_05-windows-i586-p.exe** file to your computer. Save it somewhere convenient on your computer. We give directions for installing it in step 3 below.

Figure 2

Step 2: Downloading J2SE 1.4.2 Documentation

J2SE 1.4.2 Documentation can be downloaded from this website:

http://java.sun.com/j2se/1.4.2/download.html

First, navigate to the **J2SE v 1.4.2 Documentation** area. You are interested in **J2SE 1.4.2 Documentation** (see Figure 3). Now click **DOWNLOAD** and you will be led to the **License Agreement** page.

Figure 3

Just scroll all the way down to the bottom of the page and click **ACCEPT** and **Continue**. The next page is labeled **Java 2 SDK, Standard Edition Documentation 1.4.2**, and you will see **J2SE 1.4.2 Documentation (j2sdk-1_4_2-doc.zip)** (See Figure 4).

Just click this link and you will be downloading **j2sdk-1_4_2-doc.zip** file to your computer. Save it somewhere convenient on your computer. We give instructions for installing it in step 4 below.
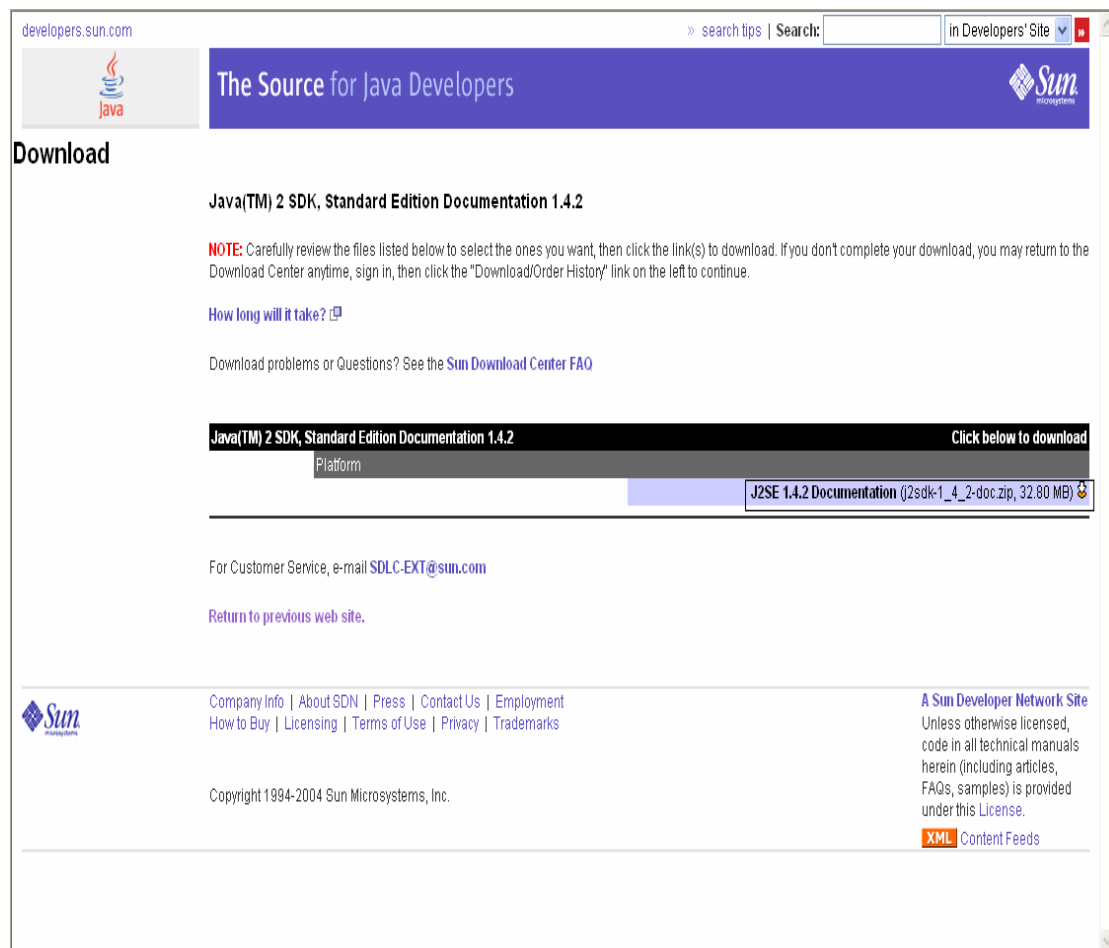
Figure 4

Step 3: Installing J2SE 1.4.2 SDK

Once you have obtained the installation file for J2SE 1.4.2 SDK (Step 1), double-click it to begin the installation process. <u>You need to have a working internet connection to complete the installation process.</u> This process will lead you through a series of windows. They are:

1. License Agreement. Check **I accept the terms in the license agreement** box and click on the button that says **Next**.

2. Custom Setup. You don't need to make any changes to the default setting. Just verify the installation directory, which should be "**C:\j2sdk1.4.2_05**". Click **Next** to advance.
3. Browser Registration. Verify that **Microsoft Internet Explorer** box is checked. Then click **Install**.
4. Now **Java 2 Standard Edition 1.4.2 Software Development Kit** is being installed. <u>The install process can take some time. Please be patient.</u>
5. You will see the message "InstallShield Wizard Completed". At that point the installation of **J2SE 1.4.2 SDK** is complete. Click **Finish** to finish the installation process.

Step 4: Installing J2SE 1.4.2 Documentation

Once you have obtained the zip file for Documentation, right-click it and choose **Extract All…** to begin the extraction process (or run WinZip to extract all the files from the zip archive). This process will lead you through a series of windows. They are:

1. Welcome Screen. Click **Next** to advance.
2. Select the Installation Directory. It should be "**C:\j2sdk1.4.2_05**" (You can either type the name of directory or browse and find it). Then click **Next** to start the extraction process.
3. The zip file is extracted to the designated folder.
4. Once the extraction is complete, click **Finish** with the **Show extracted files** box checked.
5. You should now have a "**docs**" folder under "**C:\j2sdk1.4.2_05**".