

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.

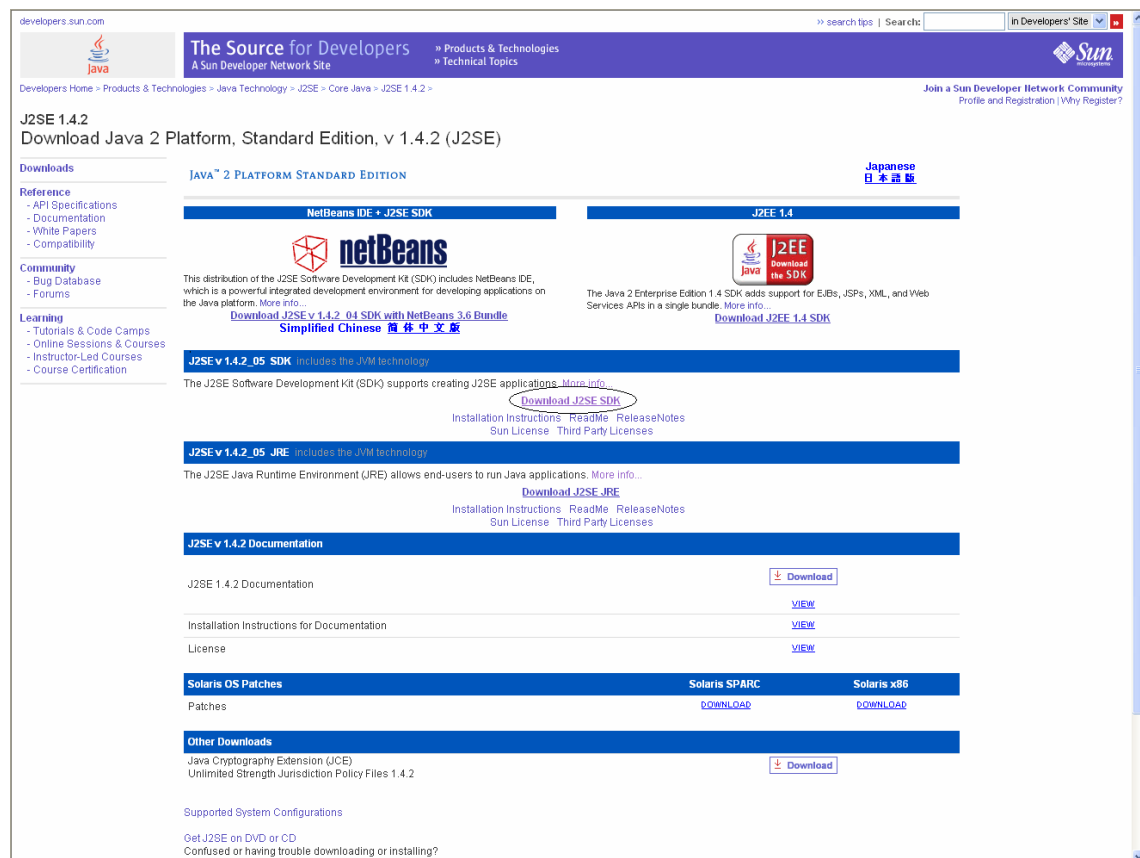


Figure 1

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.

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The Source for Java Developers

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Java(TM) 2 SDK, Standard Edition 1.4.2_05
For easier, more reliable downloads, try Sun Download Manager 1.1.

- * Solaris 64-bit requires users to first install 32-bit.
- * Information on [install formats](#)

NOTE: The list offers files for different platforms - please be sure to select the proper file(s) for your platform. Carefully review the files listed below to select the ones you want, then click the link(s) to download. If you don't complete your download, you may return to the Download Center anytime, sign in, then click the "Download/Order History" link on the left to continue.

[How long will it take?](#)

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Platform	File Name	Size
Windows Platform	Windows Offline Installation, Multi-language (j2sdk-1_4_2_05-windows-i586-p.exe)	51.09 MB
	Windows Installation, Multi-language (j2sdk-1_4_2_05-windows-i586-p-rtw.exe)	356.00 KB
Linux Platform	RPM in self-extracting file (j2sdk-1_4_2_05-linux-i586-rpm.bin)	33.60 MB
	self-extracting file (j2sdk-1_4_2_05-linux-i586.bin)	34.70 MB
Solaris SPARC Platform	32-bit self-extracting file (j2sdk-1_4_2_05-solaris-sparc.sh)	35.29 MB
	32-bit packages - tar.Z (j2sdk-1_4_2_05-solaris-sparc.tar.Z)	60.01 MB
	64-bit self-extracting file (j2sdk-1_4_2_05-solaris-sparcv9.sh)	5.04 MB
	64-bit packages - tar.Z (j2sdk-1_4_2_05-solaris-sparcv9.tar.Z)	6.77 MB
Solaris x86 Platform	self-extracting file (j2sdk-1_4_2_05-solaris-i586.sh)	33.62 MB
	packages - tar.Z (j2sdk-1_4_2_05-solaris-i586.tar.Z)	58.05 MB
Windows IA64 Platform	Windows 64-bit (j2sdk-1_4_2_05-windows-ia64.exe)	30.46 MB
Linux IA64 Platform	RPM in self-extracting file (j2sdk-1_4_2_05-linux-ia64-rpm.bin)	32.59 MB
	self-extracting file (j2sdk-1_4_2_05-linux-ia64.bin)	33.61 MB

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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.

The screenshot shows the Java Developers' Site (developers.sun.com) with a search bar and navigation links. The main content area is titled "J2SE 1.4.2 Download Java 2 Platform, Standard Edition, v 1.4.2 (J2SE)". The sidebar on the left contains links for Downloads, Reference, Community, and Learning. The main content area features several download links and sections:

- NetBeans IDE + J2SE SDK**: This distribution of the J2SE Software Development Kit (SDK) includes NetBeans IDE, which is a powerful integrated development environment for developing applications on the Java platform. [More info...](#) [Download J2SE v 1.4.2_04 SDK with NetBeans 3.6 Bundle](#) [Simplified Chinese 简体中文](#)
- J2EE 1.4**: The Java 2 Enterprise Edition 1.4 SDK adds support for EJBs, JSPs, XML, and Web Services APIs in a single bundle. [More info...](#) [Download J2EE 1.4 SDK](#)
- J2SE v 1.4.2_05 SDK** includes the JVM technology. The J2SE Software Development Kit (SDK) supports creating J2SE applications. [More info...](#) [Download J2SE SDK](#) [Installation Instructions](#) [ReadMe](#) [ReleaseNotes](#) [Sun License](#) [Third Party Licenses](#)
- J2SE v 1.4.2_05 JRE** includes the JVM technology. The J2SE Java Runtime Environment (JRE) allows end-users to run Java applications. [More info...](#) [Download J2SE JRE](#) [Installation Instructions](#) [ReadMe](#) [ReleaseNotes](#) [Sun License](#) [Third Party Licenses](#)
- J2SE v 1.4.2 Documentation**: [Download](#) (circled), [VIEW](#), [VIEW](#), [VIEW](#)
- Solaris OS Patches**: [DOWNLOAD](#), [DOWNLOAD](#)
- Other Downloads**: [Download](#)

At the bottom, there are links for [Supported System Configurations](#), [Get J2SE on DVD or CD](#), and [Confused or having trouble downloading or installing? See the download help.](#)

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.

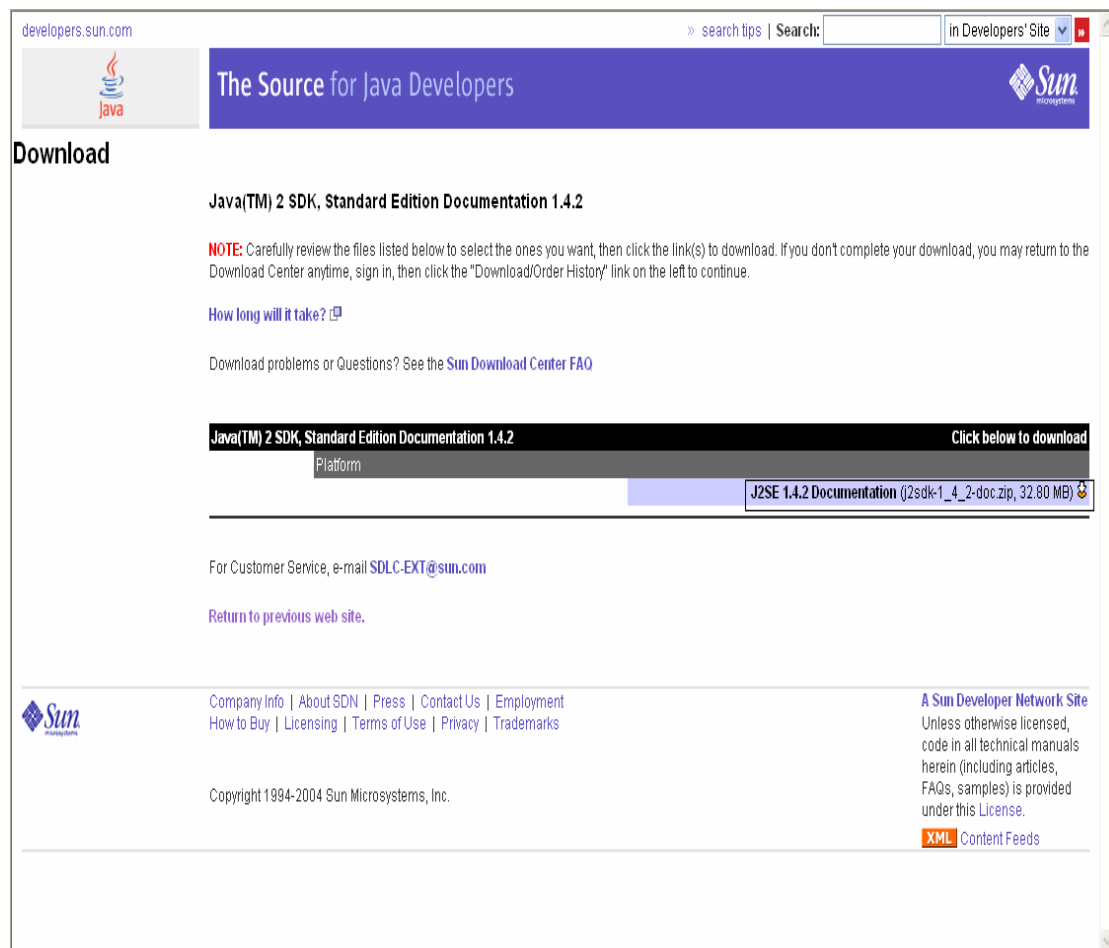


Figure 4

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. You need to have a working internet connection to complete the installation process. 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. The install process can take some time. Please be patient.
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**".