

SECTION I: OVERVIEW OF JAVA ENTERPRISE EDITION 5

Installation Of Java Enterprise Edition 5

Downloading Java Enterprise Edition 5 SDK

The Java Enterprise Edition 5 SDK setup can be downloaded from the website <http://java.sun.com/javaee/>. On keying this address a web page appears as shown in diagram 3.1.1.

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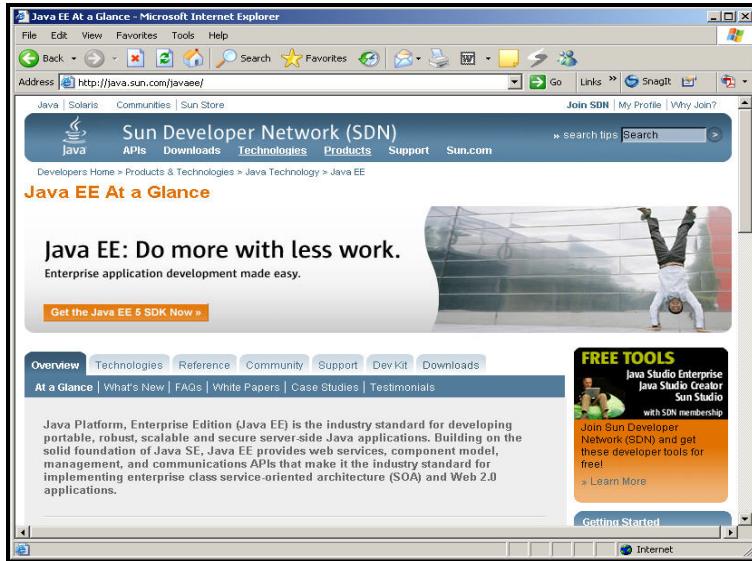


Diagram 3.1.1: Site to download Java EE 5 SDK

Click **Downloads**. This leads to a page, which allows downloading Java Enterprise Edition 5 SDK as shown in diagram 3.1.2.

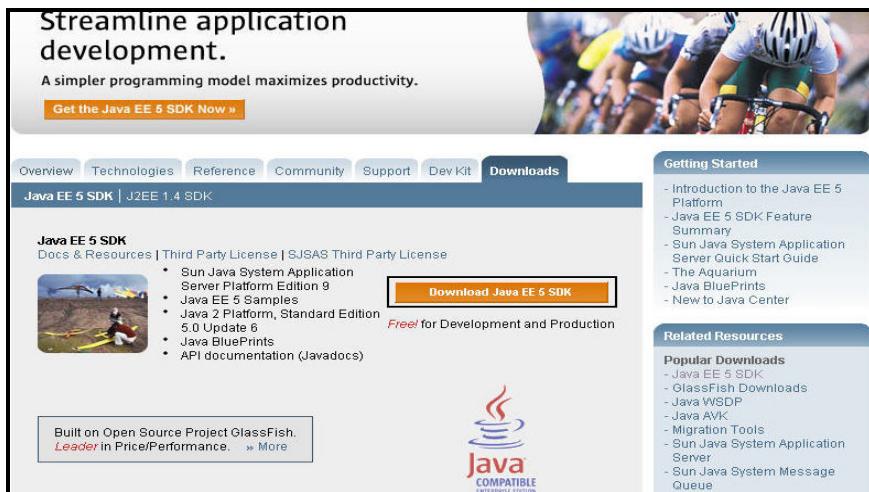
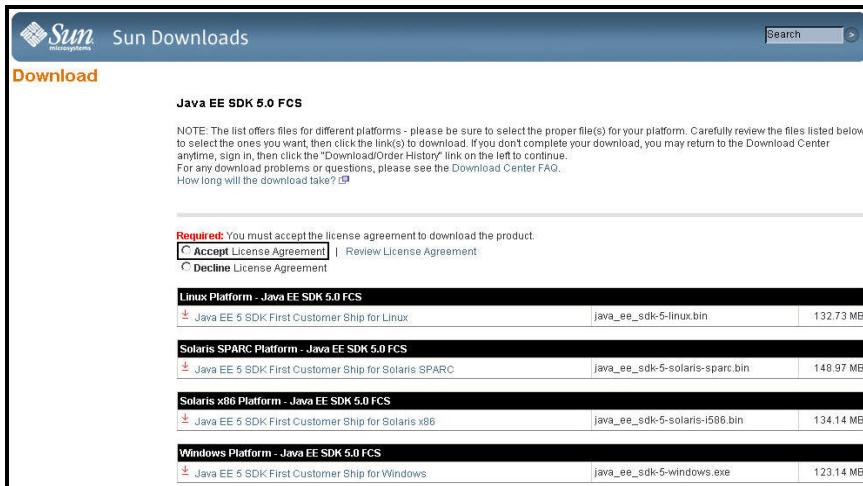
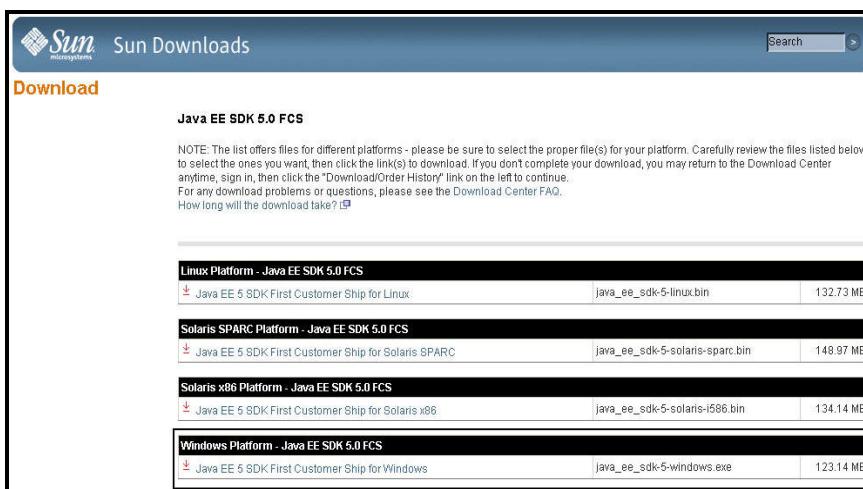


Diagram 3.1.2: The Download section

Click **Download Java EE 5 SDK**. A web page appears as shown in diagram 3.1.3, whereby the **Accept License Agreement** checkbox needs to be ticked, in order to download the product.

**Diagram 3.1.3:** Accepting License Agreement

This page contains a list of files for different platforms.

**Diagram 3.1.4:** Selecting the link to download on windows

Review the list and select an appropriate link to begin the download.

Installing Java Enterprise Edition 5 SDK

After the software is downloaded and the system meets the requirement essential to accommodate the downloaded software, use the following procedure to install the product.

Installing Java Enterprise Edition 5 On Linux

Move to the directory where the downloaded file is available. To run the installation program that uses a graphical interface, the following command is typed at the command prompt:

```
<System Prompt> ./java_ee_sdk-5-linux.bin
```



Diagram 3.2.0: Executing the downloaded file

A **Welcome** screen appears as shown in diagram 3.2.1.

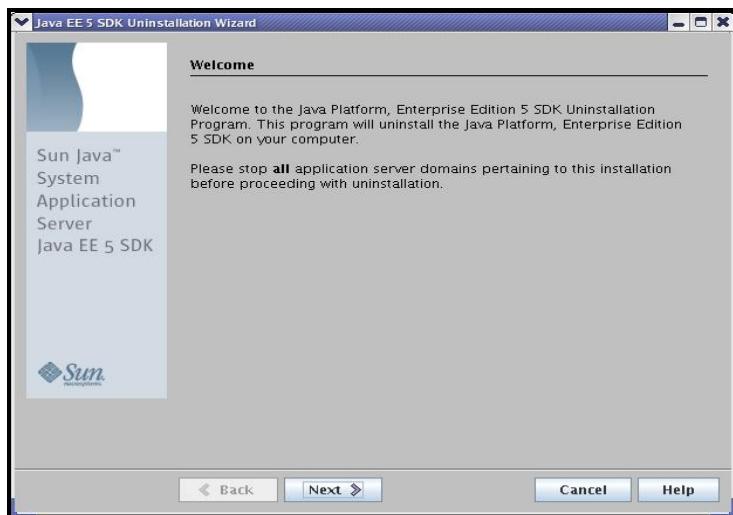


Diagram 3.2.1: The Welcome window

Click **Next >**. The **Software License Agreement** window appears as shown in diagram 3.2.2.

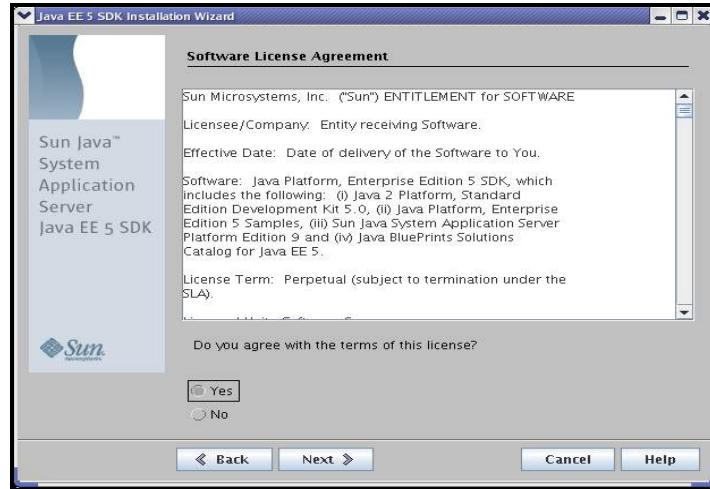


Diagram 3.2.2: Software License Agreement

Select **Yes**, indicating the agreement's terms and conditions of the license are agreed upon. Click **Next >**. A window as shown in diagram 3.2.3 appears, which selects the default directory wherein the installation files and directories will be stored.

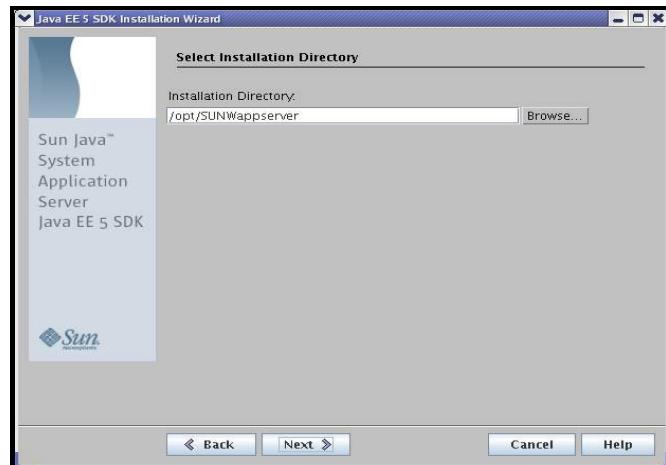
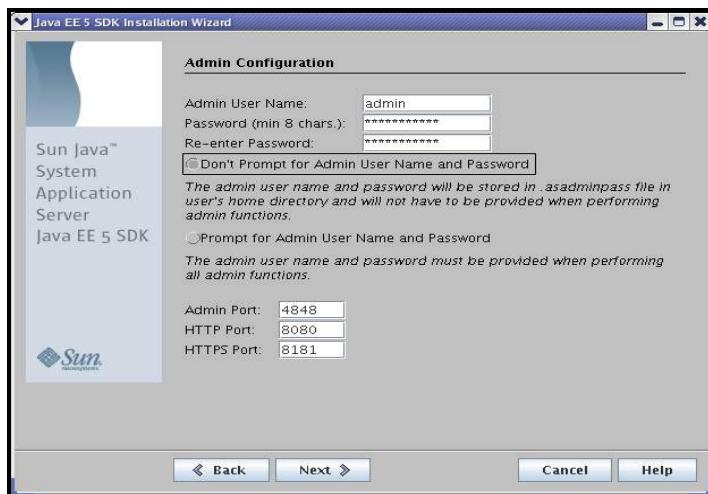


Diagram 3.2.3: Selecting Installation Directory

Click **Next >**. This prompts the user whether to create a directory or to choose a new location as shown in diagram 3.2.4. Select **Create Directory** to save the Application Server in the default path **/opt/SUNWAppServer**.

**Diagram 3.2.4:** Creating directory

An **Admin Configuration** window appears as shown in diagram 3.2.5.

**Diagram 3.2.5:** Admin Configuration

In the Admin Configuration interface enter the following data:

- Admin User Name:** The name of the user who administers the server
- Password:** The admin user's password to access the Admin Server and whose length is 8-character minimum
- Prompt or Don't Prompt for Administrator User Name:** The user name can be stored in a preferences file so that there is no need to provide it to perform administrative tasks
- Admin Port:** The administration port number for initial server instance
- HTTP Port:** The port number to access the default server instance
- HTTPS Port:** The secure port number to access the initial server instance

Click . The **Installation Options** window appears as shown in diagram 3.2.6.

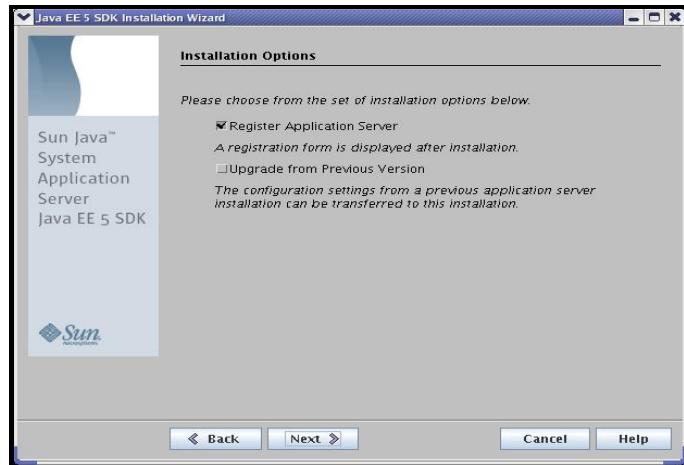


Diagram 3.2.6: Installation Options

Select **Upgrade from Previous Version** in case a previous version of Java is already installed. If this option is selected, then the upgrade wizard begins only after completing the installation.

REMINDER

 Upgrades from 8.0 Platform Edition, 8.1 Platform Edition and 8.2 Platform Edition are supported.

Click **Next >**. A window, which performs disk space checking appears as shown in diagram 3.2.7.

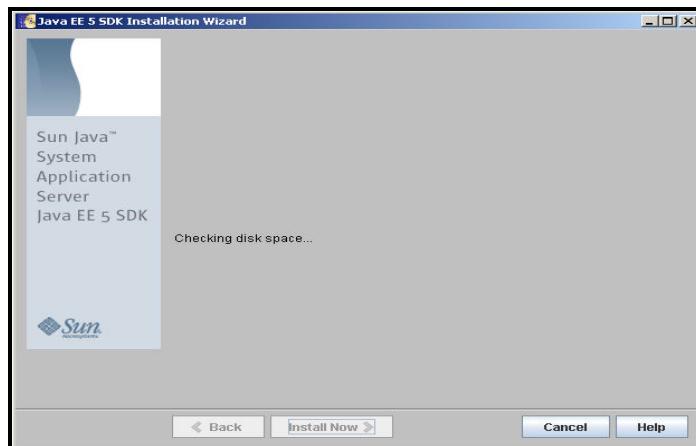


Diagram 3.2.7: Checking disk space

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Once the checking for the disk space is complete, a **Ready to install** window appears as shown in diagram 3.2.8. Click **Install Now >**.

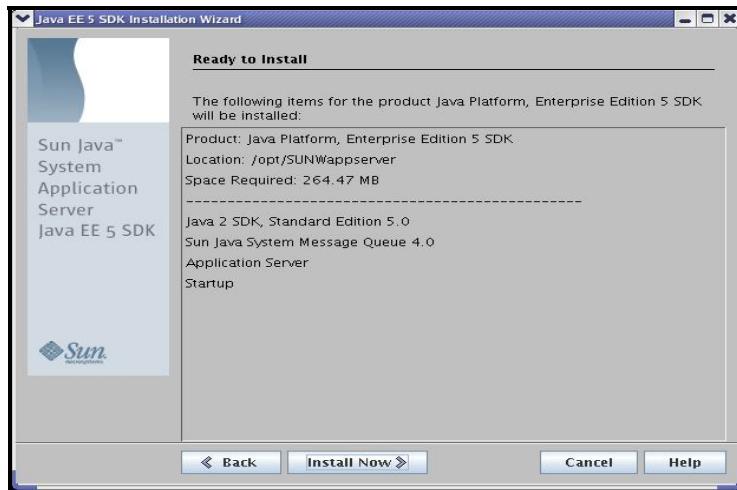


Diagram 3.2.8: Ready to Install

A window appears, which displays the installation progress bar as shown in diagram 3.2.9.

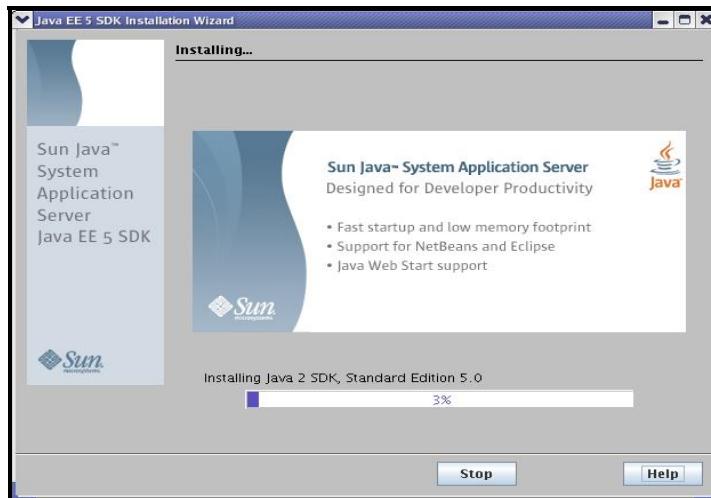


Diagram 3.2.9: Installation progress bar

Now the Java Enterprise Edition 5 is installed and ready for use on Linux.

Installing Java Enterprise Edition 5 On Windows

Navigate to the directory where the downloaded **java_ee_sdk-5-windows.exe** setup file is available.

To start the installation program double-click the **java_ee_sdk-5-windows.exe** file.

A **Welcome** window appears as shown in diagram 3.3.1.

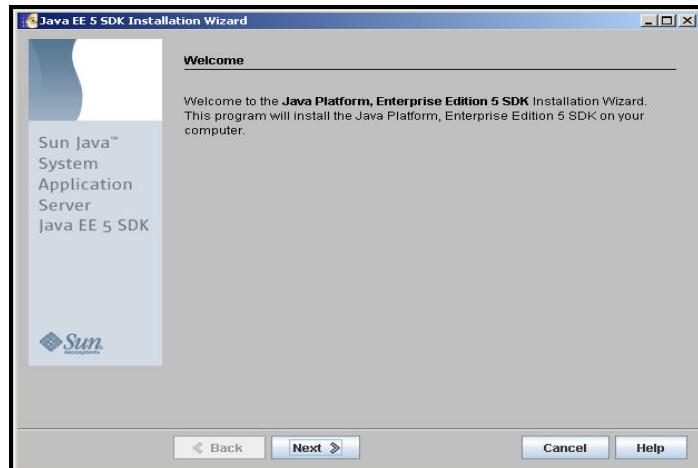


Diagram 3.3.1: The Welcome window

Click **Next >**. The **Software License Agreement** window appears as shown in diagram 3.3.2.

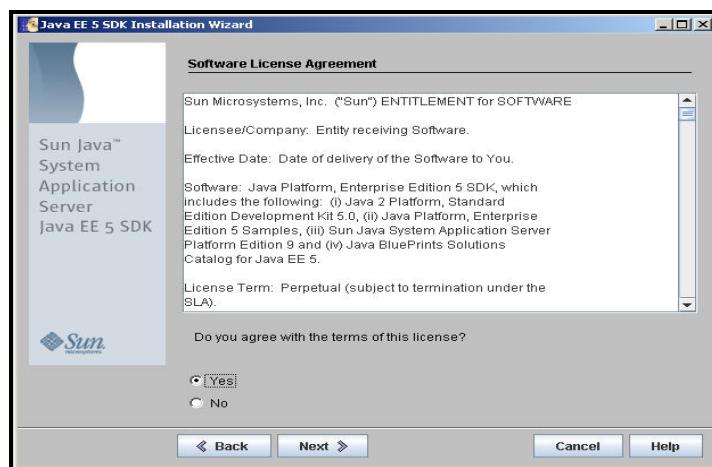


Diagram 3.3.2: Software License agreement

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Select **Yes** indicating the agreement's terms and conditions of the license are agreed upon. Click **Next >**. A window appears as shown in diagram 3.3.3, which selects the default directory, wherein the installation files and directories will be stored.

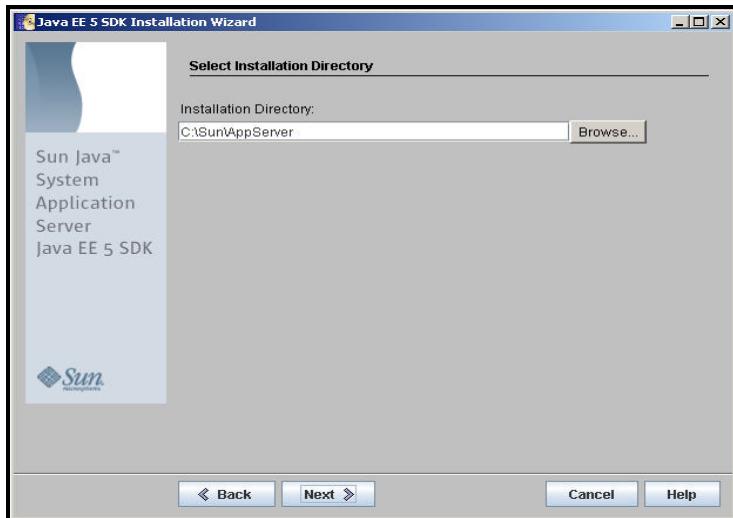


Diagram 3.3.3: Selecting Installation Directory

Click **Next >**. A prompt is made whether to create directory or to choose a new location as shown in diagram 3.3.4. Select **Create Directory** to save the Application Server in the default path **c:\Sun\AppServer**



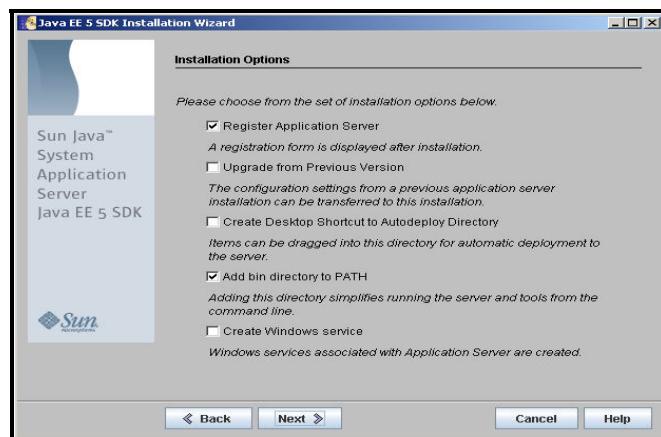
Diagram 3.3.4: Creating directory

An **Admin Configuration** window appears as shown in diagram 3.3.5.

**Diagram 3.3.5:** Admin Configuration

In the Admin Configuration interface enter the following data:

- ❑ Admin User Name: The name of the user who administers the server
- ❑ Password: The admin user's password to access the Admin Server and whose length is 8-character minimum
- ❑ Prompt or Don't Prompt for Administrator User Name: The user name can be stored in a preferences file so that there is no need to provide it to perform administrative tasks
- ❑ Admin Port: The administration port number for initial server instance
- ❑ HTTP Port: The port number to access the default server instance
- ❑ HTTPS Port: The secure port number to access the initial server instance

**Diagram 3.3.6:** Installation Options

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Click . The **Installation Options** window appears as shown in diagram 3.3.6.

Select **Add bin directory to PATH** to run the server and tools from the command line.

Select **Upgrade from Previous Version** in case the previous version of Java is already installed in the desktop. The upgrade wizard begins only after completing the installation. Upgrades from 8.0 Platform Edition, 8.1 Platform Edition and 8.2 Platform Edition are supported.

Click . A window, which performs a disk space check is displayed as shown in diagram 3.3.7.

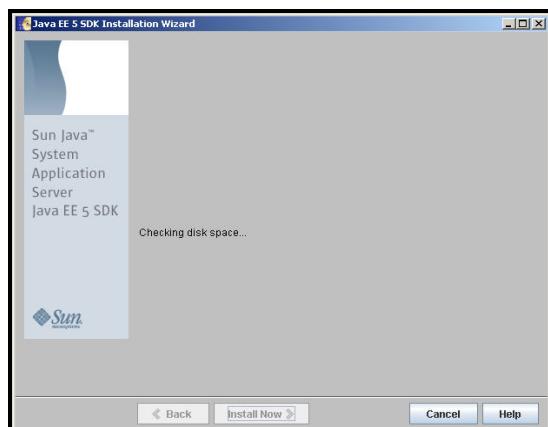


Diagram 3.3.7: Checking disk space

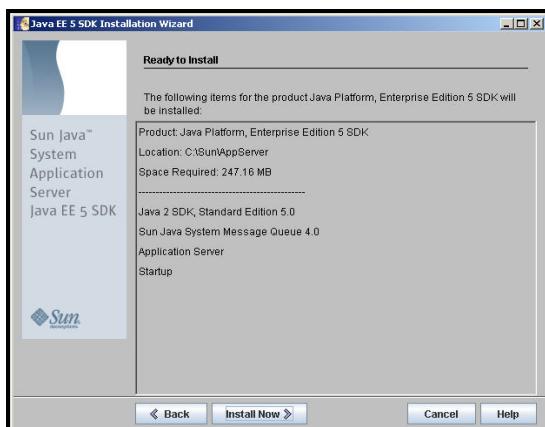


Diagram 3.3.8: Ready to Install

Once the checking of disk space is complete a **Ready to install** window appears as shown in diagram 3.3.8. Click .

A window displaying the installation progress bar appears as shown in diagram 3.3.9.



Diagram 3.3.9: Installation progress bar

Once the installation completes, if the corresponding option is not selected on the **Installation Options** window, set the PATH environment variable to include the Application Server install-dir/bin directory.

On completion of installation a window as shown in diagram 3.3.10 appears.

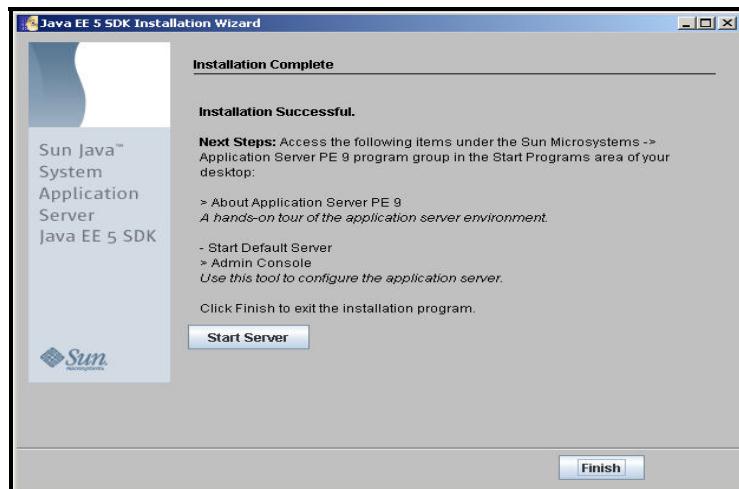


Diagram 3.3.10: Installation Complete window

Click **Finish** to exit from this installation process. This displays two web pages as shown in diagrams 3.3.11 and 3.3.12.



Diagram 3.3.11: Installation Complete window

The web page displayed in diagram 3.3.11 informs the user that the installation is completed and provides different hyperlinks to get familiar with Java EE 5 SDK.



Diagram 3.3.12: Registering the product

The web page displayed in diagram 3.3.12 allows the user to register the product. It is necessary for the user to register the product, which has been installed in order to facilitate automatic product updates or to access additional valuable services.

Uninstalling Java Enterprise Edition 5

To begin with the uninstallation process it is important that all running processes are stopped and any domains related to them are disabled.

This step is recommended before the uninstallation to avoid running processes from interfering with the uninstallation. This is a problem, especially prevalent in the Windows O/s because the uninstallation program is unable to remove files that are in use.

Uninstalling Java Enterprise Edition 5 on Linux

To uninstall Application Server navigate to the directory where Application Server is installed.

To invoke the uninstall program that has a graphical interface, at the command prompt type the following command as shown in diagram 3.4.1.



Diagram 3.4.1: Executing the Uninstall command

An **Uninstallation Welcome** window appears as shown in diagram 3.4.2.

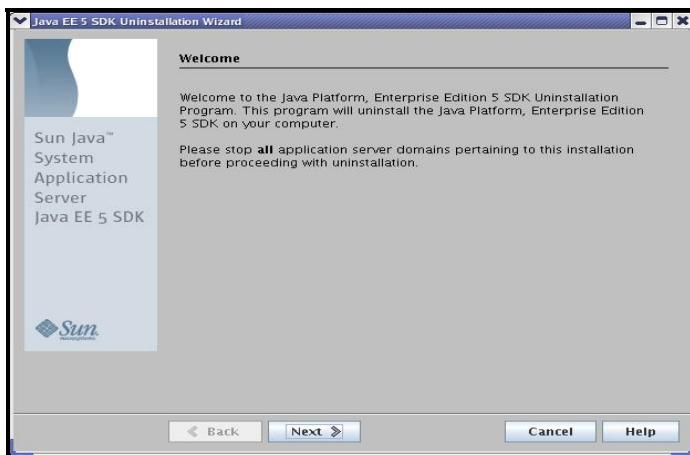


Diagram 3.4.2: The Welcome window

Click .

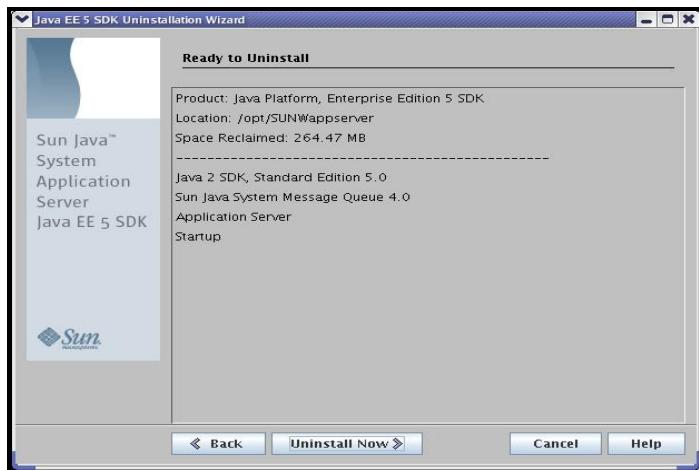


Diagram 3.4.3: The Ready to Uninstall window

A Ready to Uninstall window appears as shown in diagram 3.4.3. Click . The Uninstalling window appears as shown in diagram 3.4.4.

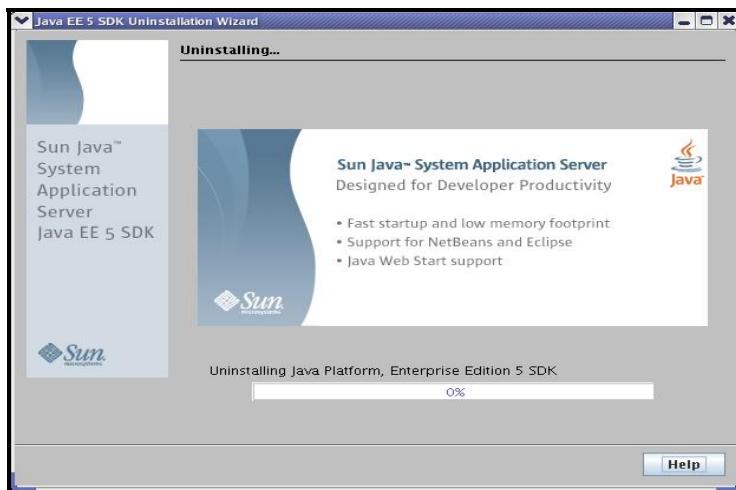


Diagram 3.4.4: Uninstallation Progress bar

The Uninstalling window shows the status of the uninstallation process and on completion displays the **Uninstallation Summary** window as shown in diagram 3.4.5.

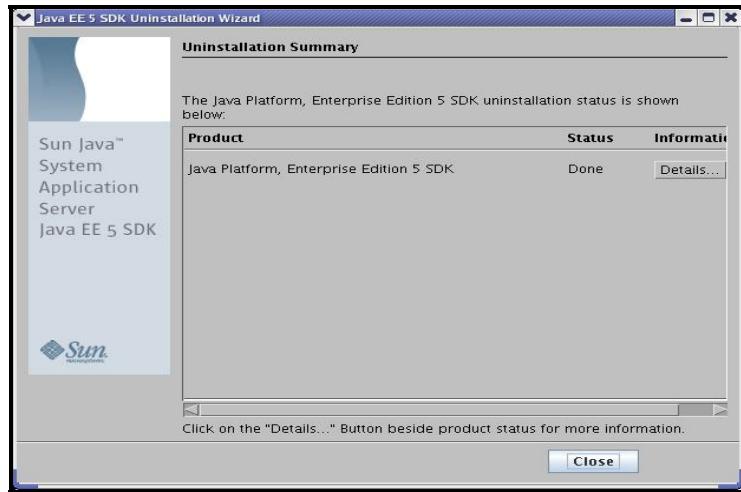


Diagram 3.4.5: Uninstallation Summary window

Click to exit from the uninstallation process.

The above steps will remove the Application Server components. There are possibilities that some files and directories might not be removed even after running the uninstallation program. Determine the files and directories that are left out especially in the drive where the executable files were saved and safely remove them.

Uninstalling Java Enterprise Edition 5 On Windows

To uninstall Java Enterprise Edition 5, select **Programs → Sun Microsystems → Application Server PE 9 → Uninstall** as shown in diagram 3.5.1.

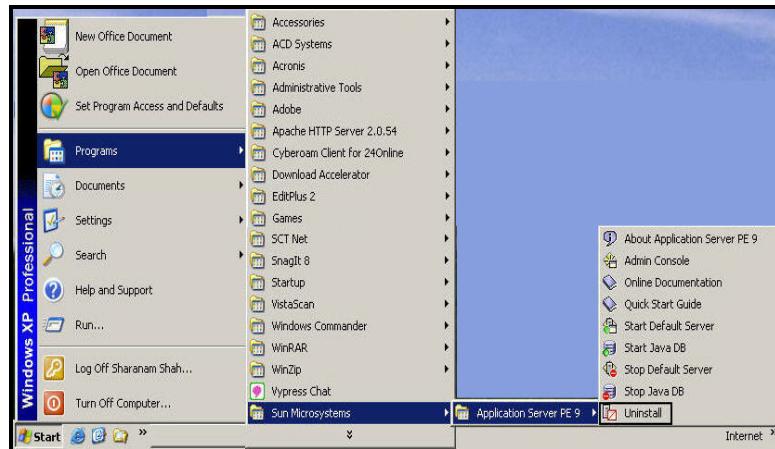


Diagram 3.5.1: Selecting the Uninstallation program

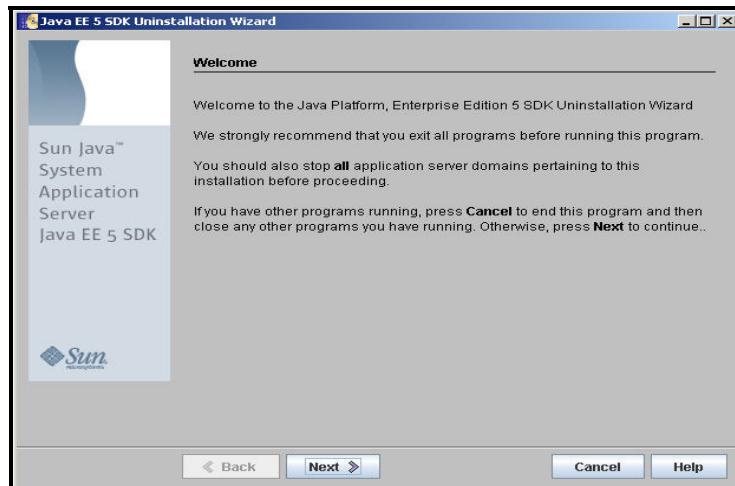


Diagram 3.5.2: The Welcome window

An **Uninstallation Welcome** window appears as shown in diagram 3.5.2. Click .

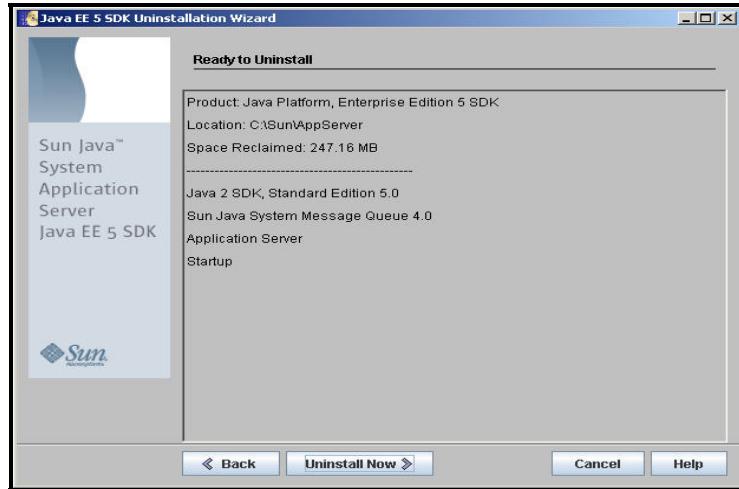


Diagram 3.5.3: The Ready to Uninstall window

A Ready to Uninstall window appears as shown in diagram 3.5.3. Click **Uninstall Now**. The Uninstalling window appears as shown in diagram 3.5.4.

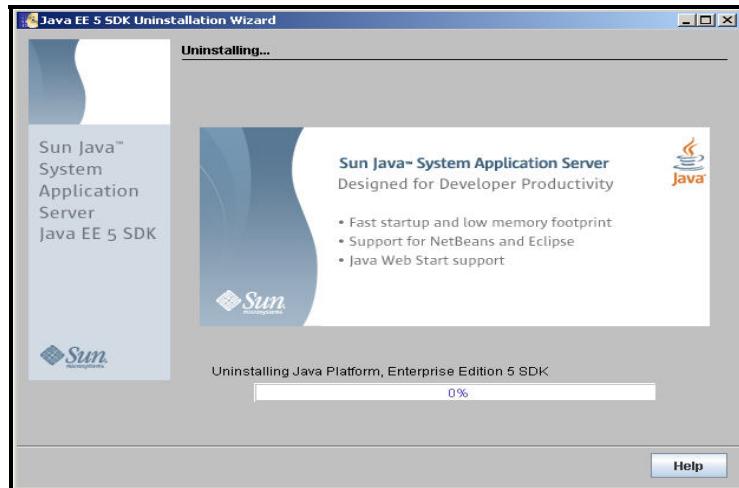


Diagram 3.5.4: Uninstallation Progress bar

The Uninstalling window shows the status of the uninstallation process and on completion displays the **Uninstallation Summary** window as shown in diagram 3.5.5.

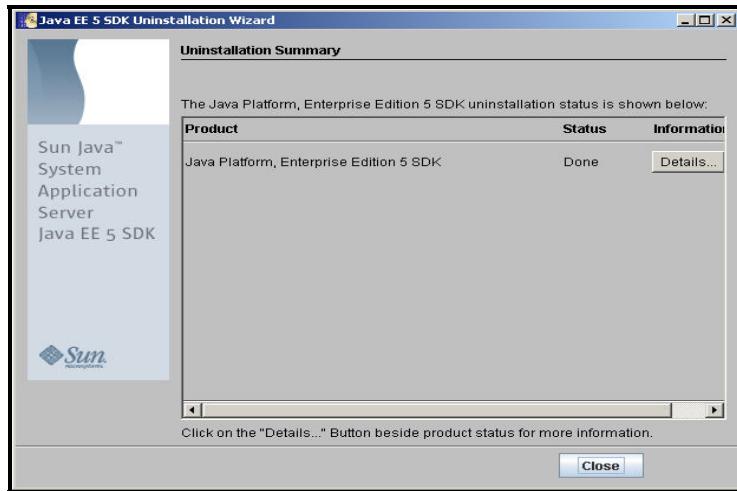


Diagram 3.5.5: Uninstallation Summary window

Click to exit from the uninstallation process.

The above steps will remove the Application Server components. There are possibilities that some files and directories might not be removed even after running the uninstallation program. Determine the files and directories that are left out, especially the drive where the executable files were saved and safely delete them.