

PUBLIC

Installation Guide



Installation Guide **– SAP NetWeaver** **Developer Studio 7.1** **SP3**

Target Audience

- System administrators
- Technology consultants

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Document History

Version	Date	Description
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1 Installing SAP NetWeaver Developer Studio

SAP NetWeaver Developer Studio is based on the open development platform Eclipse. It includes the standard Eclipse features and SAP features. The SAP NetWeaver development documentation assumes that you are familiar with Eclipse and how to develop Java applications with it.

For more information, see ► <http://help.sap.com/nwce> ► *SAP NetWeaver Library* ► *SAP NetWeaver Developers' Guide* ◀.

SAP Features

SAP NetWeaver Developer Studio provides several features for composing and developing business applications. You can select the features according to the components you have installed on your AS Java of the Composition Environment. The Developer Studio has the following features:

- *SAP NetWeaver Developer Studio Java EE*
Provides the toolset for Java EE-compliant development.
AS Java component required: **Java Application Server**.
- *SAP NetWeaver Developer Studio Development Infrastructure Client*
Provides the toolset necessary to work the SAP component model. It provides functionality to work locally or in a team.
Depending on feature: *SAP NetWeaver Developer Studio Java EE*.
AS Java component required: **Java Application Server**. Optionally: SAP NetWeaver Development Infrastructure (NWDI) as part of an SAP NetWeaver 7.0 system.
- *SAP NetWeaver Developer Studio Web Dynpro User Interfaces*
Provides the toolset to develop user interfaces with Web Dynpro for Java.
Depending on features: SAP NetWeaver Developer Studio Java EE, SAP NetWeaver Developer Studio Development Infrastructure Client.
AS Java component required: **Java Application Server**. Optionally: *Adobe Document Services*.
- *SAP NetWeaver Developer Studio Composition Tools*
Provides the toolset to develop composite applications.
Depending on features: SAP NetWeaver Developer Studio Java EE, SAP NetWeaver Developer Studio Web Dynpro User Interfaces, SAP NetWeaver Developer Studio Development Infrastructure Client.
AS Java component required: **Composition Platform**. Optionally: *Adobe Document Services*.

Installation Recommendations

Depending on your system landscape we recommend that you install the SAP NetWeaver Developer Studio as follows:

■ *Central AS Java with update site*

When you have a central AS Java, we recommend that this server provides an update site. This makes sure that the SAP NetWeaver Developer Studio you install has the version that matches the application server.

You can check the availability of a local update site by going to the following URL in your Web browser:

<http://<host>:<httpport>/updatesite>



Example

http://dev_server_01:50000/updatesite



Note

Make sure that the update site is properly installed and that the post-installation activities for the update site have already been performed.

For more information, see section ► *Post-Installation Activities* ► *Configuring the IDE Update Site* ◀ in the installation documentation, available at: <http://www.sdn.sap.com/irj/sdn/nw-ce>.

■ *Developer Workplace*

If you want to install the AS Java and the Developer Studio on a single workstation you can use the following sources:

- SAP NetWeaver Developer Studio Update Site (recommended)

SAP provides a central update site. The update site can be found at:

<https://nwds.sap.com/swdc/downloads/updates/netweaver/nwds/ce>.

To access the update site you need an SAP Service Marketplace user and password (S user).

- DVD

Use the DVD you installed the AS Java from to make sure the Developer Studio and the AS Java have the same version. Once the Developer Studio is installed from a DVD, the update manager is always looking on the DVD for updates. Therefore you can only update the Developer Studio when you have a DVD with a new release. The Developer Studio Update Guide contains the information how to instruct the developer to look for updates on the Developer Studio Update Site rather than on the DVD.


In the following installation procedure we only use the term *Update Site*. The installation steps are the same, regardless if you decided to install the Developer Studio from the SAP update site or the update site on your AS Java.

**Caution**

Do only use your Update Site on the AS Java or the SAP Update Site. Using other update sites, like the Eclipse update site, can lead to a version mismatch of features and undesired results.

Prerequisites

Check the hardware and software requirements necessary for the installation of SAP NetWeaver Developer Studio:

Requirement Type	Requirement
Hardware	<p> Note SAP NetWeaver Developer Studio can be installed on a 32-bit platform only.</p> <ul style="list-style-type: none"> ■ 1 GB free disk space ■ 1 CPU with 3 GHz (minimum) ■ 2 GB RAM (minimum) ■ Paging file size: 2x RAM <p>To check paging file size:</p> <ol style="list-style-type: none"> 1. Choose Windows <i>Start</i> button and choose <i>Control Panel</i> ® <i>System</i>. 2. Choose tab <i>Advanced</i> and choose <i>Settings</i> in the <i>Performance</i> pane. 3. Choose tab <i>Advanced</i> in the <i>Performance Options</i> dialog window. The current page size is displayed in the <i>Virtual memory</i> pane. To change the page size value, choose <i>Change</i> enable the <i>Custom size</i> radio button and enter the new value in the input field <i>Initial size (MB)</i>.
Software	<p>Supported Operating Systems: Microsoft Windows XP Professional SP2 (or higher)(32-bit)</p> <p>JDK version: SUN JDK 1.5.0_11 (or higher). You can download this version from the SUN web site.</p>

The installation process begins with preparation steps that are dependent on the installation method, DVD or update site. The following installation steps are independent of the installation method.

Preparation – Installing the Developer Studio from a DVD

1. Start SAPinst from the SAP Installation Master DVD by double-clicking `sapinst.exe` from the following path: `<DVD drive>:\DATA_UNITS\IM_WIN_I386_<data_base>`
SAPinst GUI starts automatically by displaying the *Welcome* screen.
2. In the *Welcome* screen, choose the installation option *SAP NetWeaver Developer Studio*.

3. Choose *Next* and follow the on-screen instructions.

Preparation – Installing the Developer Studio from an Update Site

1. Start your Web browser and connect to the update site.
2. Download `NWDS_platform.zip`.
This zip file contains the SAP NetWeaver Developer Studio Platform Installer.
3. Unzip `NWDS_platform.zip` to a temporary folder on your local disk drive.
4. Navigate to the temporary folder.
5. Run the installer `IDESetup.exe` contained in the zip.

Installing the Developer Studio from DVD and Update Site

Follow the on-screen instructions of the installation tool.

During the installation dialog you are asked for the update site location. Always accept the preconfigured URL that points to the update site that is correct for the installation location (DVD or update site) you selected.

The Developer Studio is started automatically when the installation dialog is finished. During startup you are asked for the workspace folder for the Developer Studio.



Caution

If you already had a Developer Studio installed on this client, you need to specify a different workspace than the one you used for the previously installed Developer Studio version. This is also true if you have uninstalled the previous version already. Uninstalling a Developer Studio does not remove the content you created in the workspace folder that includes the preferences of the Developer Studio and maybe projects you stored locally.

The next prompt during start up is to confirm the network connections. On the network connection preference page you can specify if you connect to the Internet directly or you can configure your proxy. The network connection settings must be configured so that the Developer Studio can connect to the update site. There can be misleading error messages if the proxy settings are not correct. The installer installs the kernel of the Developer Studio. The kernel contains Eclipse and a few SAP additions, but is not equipped with the SAP features necessary for the Composition Environment. To install the required SAP features, you have to install the SAP features with the following update procedure:

Selecting and Installing Features

1. The available features are displayed.
The *Updates* dialog window displays the main node of the features. Open the main node and you see the available main features.
2. Choose the main features you want to install.



Make sure that the component required for the selected feature is installed on the AS Java.

3. Accept the license agreement
4. In the screen *Optional Features*, choose *Next*.



Never deselect an optional feature. This can cause a malfunction of the Developer Studio.

5. In the *Install* screen, choose *Finish*.
The features are being downloaded.
6. Choose *Install All* to verify the feature installation.
7. Restart the Developer Studio for the updates to take effect.



We recommend that you start the Developer Studio with the shortcuts that were created on your desktop or in the *Start* menu.

To get to the SAP documentation in the Developer Studio, open the application and choose from the menu bar ► *Help* ► *Help Contents* ► *SAP NetWeaver CE Developer Studio Documentation* ◀.

The installation of the Developer Studio is now completed.

Additional Activities

Once the Developer Studio is installed you can add, update, and remove installed features at any time.

Adding Features to an Installed Developer Studio

You can add features any time.

1. Choose ► *Help* ► *Software Updates* ► *Find and Install...* ◀.
2. Choose *Search for new features to install*.
3. Enable the displayed update site.



We recommend that you do not change the update site to avoid version inconsistencies.

4. Continue with step *Selecting and Installing Main Features* as described above.

Updating Installed Features

1. Choose ► *Help* ► *Software Updates* ► *Find and Install...* ◀.
2. Choose *Search for updates of currently installed features*.
3. Follow the on-screen instructions.

As of SP03, SAP NetWeaver Developer Studio uses the IDE Update Site to keep itself up-to-date.

1. Choose ► *Help* ► *Software Updates* ► *Find and Install...* ◀.
2. Choose *Search for updates of currently installed features*.
3. Follow the on-screen instructions.



Note

The configuration wizard task *Configuration and Mirroring of local NWDS Update Site* has to be run after each patch or update of the IDE update site component on AS Java.

For more information about how to run the configuration wizard, see *Post-Installation Activities* in the installation documentation, available at: <http://www.sdn.sap.com/irj/sdn/nw-ce>.

More Information

Update Guide – SAP NetWeaver Composition Environment 7.1 – Update to SP<xx>, available at <http://www.sdn.sap.com/irj/sdn/nw-ce>.

Uninstalling Features

1. To uninstall features, choose ► *Help* ► *Software Updates* ► *Manage Configuration* ◀.
2. In the *Product Configuration* window, choose *Show Disabled Features*.
3. Open the node *SAP NetWeaver Developer Studio* and its subnode.
The features are displayed with its status, enabled or disabled.
4. To change the status of feature, select the feature and choose *Enable* or *Disable* (depending on the current status).
To uninstall a feature, it has to be set to status *disabled*.
5. Restart the SAP NetWeaver Developer Studio to apply the status change.



Note

To uninstall all old version features (after the update), choose ► *Help* ► *Software Updates* ► *Uninstall Disabled Features* ◀.

Typographic Conventions

Example	Description
< >	Angle brackets indicate that you replace these words or characters with appropriate entries to make entries in the system, for example, “Enter your <User Name>”.
▶ ▶ ◀	Arrows separating the parts of a navigation path, for example, menu options
Example	Emphasized words or expressions
Example	Words or characters that you enter in the system exactly as they appear in the documentation
<u>Example</u>	Textual cross-references to an internet address, for example, http://www.sap.com
/example	Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web
<u>123456</u>	Hyperlink to an SAP Note, for example, SAP Note 123456
<i>Example</i>	<ul style="list-style-type: none"> ■ Words or characters quoted from the screen. These include field labels, screen titles, pushbutton labels, menu names, and menu options. ■ Cross-references to other documentation or published works
Example	<ul style="list-style-type: none"> ■ Output on the screen following a user action, for example, messages ■ Source code or syntax quoted directly from a program ■ File and directory names and their paths, names of variables and parameters, and names of installation, upgrade, and database tools
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, database table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE
EXAMPLE	Keys on the keyboard



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Any Java™ Source Code delivered with this product is only to be used by SAP's Support Services and may not be modified or altered in any way.

Documentation in the SAP Service Marketplace

You can find this document at the following address: <https://service.sap.com/instguides>

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