



Installation and Update Guide SAP NetWeaver Developer Studio 7.3

Target Audience

- System administrators
- Technology consultants

PUBLIC

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Document History



Caution

Before you start the implementation, make sure you have the latest version of this document. You can find the latest version at the following location:

<http://service.sap.com/instguides>.

The following table provides an overview of the most important document changes.

Version	Date	Description
1.0	11/29/2010	Initial Version

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1 Introduction

This guide describes how to install and update the SAP NetWeaver Developer Studio, which is delivered as a client with SAP NetWeaver 7.3.



Note

The SP level and the EHP level of the Developer Studio correspond to the SP level and the EHP level of the SAP NetWeaver 7.3 system. Therefore, to make the current document more readable, we refer to the Developer Studio as SAP NetWeaver Developer Studio 7.3, although it is not a product but a client.

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/nw73> → SAP NetWeaver 7.3 → SAP NetWeaver Library → Developer's Guide ◀

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.

For more information about the features, see *Overview of Top Level Features* at:

► <http://www.sdn.sap.com/irj/sdn/nw-devstudio> → Installation and Upgrade ◀

Process Flow

1. Connect to the *SAP NetWeaver Developer Studio Update Site* [[page 7](#)].
2. Perform one of the following:
 - If you want to install the SAP NetWeaver Developer Studio, proceed as described in *Installing SAP NetWeaver Developer Studio* [[page 9](#)].
 - If you want to update the SAP NetWeaver Developer Studio, proceed as described in *Updating SAP NetWeaver Developer Studio* [[page 13](#)].

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2 SAP NetWeaver Developer Studio Update Site

To install and update the Developer Studio, you have to use the update site for Developer Studio. You can connect to the following update sites:

- *Central Update Site* [[page 7](#)]
- *DVD Update Site* [[page 7](#)]
- *Update Site Mirror* [[page 8](#)]



Recommendation

The central update site on SMP or the update site on the installation DVD can be used for Developer Studio installations. For better consistency and performance of your development system, we recommend that you optimize the update process by creating an update site mirror in your system landscape. Administrators can configure the mirror site to offer updated content from SAP Service Marketplace.

Using the update site mirror is not mandatory, but useful and recommended for frequent updates.



Note

In the installation and update procedures, we only use the term update site. The installation and update steps are the same, regardless of whether you decided to install or update the Developer Studio from the central update site on SAP Service Marketplace, the update site on the installation DVD or an update site mirror.

2.1 Central Update Site on SAP Service Marketplace

Note that to access the update site you need an S-user and password for SAP Service Marketplace. Open a Web browser and enter the following URL:

<https://nwds.sap.com/swdc/downloads/updates/netweaver/nwds/nw/730>

2.2 DVD Update Site

To start the DVD update site, open the *index.html* file, which can be found at the following location:
<DVD drive>:\DATA_UNITS\JAVA_IDE.

Alternatively, you can perform the following procedure:

1. Start SAPInst from the SAP Installation Master DVD by double-clicking `sapinst.exe` from the following path:
`<DVD drive>:\DATA_UNITS\NW730_IM_WPL_WIN_I386_<database>`
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*.
The Developer Studio 7.3 update site for DVD installation opens and SAPInst closes.

2.3 Update Site Mirror

For information about the steps required to create an update site mirror, see the documentation at SAP Help Portal:

► <http://help.sap.com> → *SAP Solutions* → *SAP NetWeaver* → *SAP NetWeaver 7.3* ◀

Open the following documentation: ► *SAP NetWeaver 7.3* → *SAP NetWeaver Library* → *Developer's Guide* → *SAP NetWeaver Developer Studio Basics* → *Creating and Maintaining Update Site Mirrors* ◀

After you have created the update site mirror, you can connect to it using the following URL:

<http://<host>:<port>/UpdateSite>

3 Installing SAP NetWeaver Developer Studio

You can install the Developer Studio in one of the following ways:

- Using the central update site on SAP Service Marketplace (SMP)
- Using the update site on the installation DVD
- Using a local update site mirror



Caution

Only use the central update site on SAP Service Marketplace, the update site on the installation DVD, or the update site mirror. Using other update sites, such as the Eclipse update site, can lead to a version mismatch of features and undesired results.

Supported Operating Systems

The following operating systems (OS) are supported by the Developer Studio:

- Microsoft Windows XP 32-bit
- Microsoft Vista 32-bit
- Microsoft Windows 7 32-bit
- Microsoft Windows 7 64-bit
- Microsoft Windows Server 2008 64-bit

For more information, see service.sap.com/pam.

Supported JDKs



Caution

Developer Studio requires a 32 bit JDK. You have to install it in the directory `<installation directory of Developer Studio>\eclipse\jre\` or another location pointed by the `JAVA_HOME` variable of your Windows OS system.

The following 32-bit Java Development Kits (JDKs) are supported:

- SAP JVM 6's JDK
- Oracle's JDK 1.6.0_7

**Note**

Make sure you use the JDK, and not the JRE, even though the navigation path that the Developer Studio is looking for is called `jre\bin`.

Installing the Developer Studio from SAP Service Marketplace

1. Connect to the central update site on SAP Service Marketplace as described in *Connecting to the Central Update Site* [\[page 7\]](#).
2. Follow the instructions in the *Installation* section of the update site.

**Note**

If you want to use an update site mirror for the installation of features, you have to follow the steps in the *Creating and Configuring a Local Update Site Mirror* section below instead of performing the corresponding instructions in the *Installation* section of the update site.

Installing the Developer Studio from a DVD

1. Connect to the update site on the installation DVD as described in *Connecting to the DVD Update Site* [\[page 7\]](#).
2. Follow the instructions in the *Installation* section of the update site.

**Note**

If you want to use an update site mirror for the installation of features, you have to follow the steps in the *Creating and Configuring a Local Update Site Mirror* section below instead of performing the corresponding instructions in the *Installation* section of the update site.

Installing the Developer Studio from a an Update Site Mirror

If you have already created an update site mirror, you can use it for the installation of the Developer Studio.

1. Make sure you have created an *Update Site Mirror* [\[page 8\]](#).
2. Connect to the update site mirror.
3. Follow the instructions in the *Installation* section of the update site mirror.

**Note**

If you have installed the Developer Studio from an update site mirror, you do **not** need to configure it to use a mirror. The path to the local update site mirror is automatically set up.

Configuring the Developer Studio to Use an Update Site Mirror

If you want to configure a Developer Studio, which is installed from a central update site on SAP Service Marketplace or from an update site on the installation DVD to use an update site mirror, you have to proceed as follows:

1. Create an update site mirror, as described in the section *Update Site Mirror* [\[page 8\]](#).
2. From the menu path of the Developer Studio, choose ► *Help* → *Install new software...* ◀.
3. Enter the URL of the update site mirror in *Work with:*.
4. Follow the steps of the wizard to install the features you want.



Note

You can configure the update behavior of the Developer Studio from the *Preferences* page. To do that open from the menu path ► *Windows* → *Preferences* ◀ and modify the behavior in *Install/Update* and in the sections beneath it

Additional Activities

Once the Developer Studio is installed, you can add, update, and remove installed features at any time using the wizard for installing new software. To start this wizard:

1. From the menu path of the Developer Studio, choose ► *Help* → *Install new software...* ◀.
2. Choose the link *What is already installed?*.

In the dialog that appears you can view, remove or trigger the update of a concrete already installed feature of the Developer Studio.

For more information about how to add, update, and remove installed features, see the corresponding sections of the update site.

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4 Updating SAP NetWeaver Developer Studio

This section describes how to update your Developer Studio to Developer Studio 7.3. You do that in one of the following ways:

- Update from
 - SAP NetWeaver Developer Studio 7.0,
 - SAP NetWeaver Developer Studio 7.1 SP03 (or higher),
 - SAP NetWeaver Developer Studio 7.1 EHP1 or
 - SAP NetWeaver Developer Studio 7.2.
- Update from a lower SP level of Developer Studio 7.3 to a higher SP level of Developer Studio 7.3.

Prerequisites

The Developer Studio is stopped.

Update from old version of Developer Studio to Developer Studio 7.3

You have two options for updating the Developer Studio:

- Installing a new Developer Studio — that is you have to install the Developer Studio from scratch. In this case you can keep also the old version of the Developer Studio. For more information about installing the Developer Studio, see *Installing SAP NetWeaver Developer Studio* [\[page 9\]](#).
- Replace the current Developer Studio installed on your machine, with the new version of the Developer Studio. See details below in this section.

Replacing the Developer Studio

If you want to replace the existing Developer Studio, you have to remove the old version in one of the following ways:



Caution

Make sure you create a **new** workspace for your new Developer Studio.

If you want to use the projects that you have created with the old Developer Studio, you have to import them in one of the following ways:

- If the projects are under source control, check the projects into your source control system using the old version of the Developer Studio. Then check them out in your new workspace using the

new version of the Developer Studio. The migration of the application projects is done using the application projects migration wizard of the Developer Studio. For more information, see the documentation in your Developer Studio. To access this information, in the menu path of the Developer Studio, choose ► *Help* → *Help Contents* → *Migrating Application Projects from SAP NetWeaver 7.0 to a Higher SAP NetWeaver Version* ◀

- If the projects are not under source control, import them using the Eclipse import wizard. For more information, see the Developer Studio help by choosing:
► *Help* → *Help Contents* → *Workbench User Guide* → *Tasks* → *Importing* → *Importing existing projects* ◀
- If the projects use the SAP's component model and they are not under source control, you have to export and import the software component containing your DC projects. To do this, choose *Export* from the context menu of the software component in the *Component Browser* view of the *Development Infrastructure* perspective. To import the software component, choose *Import SC* from the context menu of *Local Development* in the *Component Browser* view of the *Development Infrastructure* perspective.
- To remove Developer Studio 7.1, you have to use the standard Windows procedure. Choose the following before you install the new Developer Studio:
► *Start* → *Control Panel* → *Add and Remove Programs* → *SAP NetWeaver Developer Studio* ◀
- To remove Developer Studio 7.1 EHP1 or Developer Studio 7.2, you have to delete the folder, which contains the Developer Studio files.

Update from a Lower SP Level of Developer Studio 7.3 to a Higher SP Level

You can use the update function of the Developer Studio.



Recommendation

For better consistency and performance of your development system, we recommend that you optimize the update process by using an update site mirror in your system landscape.

For more information, see *Configuring the Developer Studio to Use an Update Site Mirror* in *Installing SAP NetWeaver Developer Studio* [page 9].

1. Connect to update site as described in *Central Update Site on SAP Service Marketplace* [page 7].
2. Follow the instructions in the *Update* section of the update site.

Installing New Features

If you want to install new features in the Developer Studio, perform the following steps:

1. Connect to update site as described in *Central Update Site on SAP Service Marketplace* [page 7].
2. Follow the instructions described in the section *Adding New Features* of the update site.

Typographic Conventions

Example	Description
<Example>	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> ".
► <i>Example</i> → <i>Example</i> ◀	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
http://www.sap.com	Textual cross-references to an internet address
/example	Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web
123456	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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Documentation in the SAP Service Marketplace

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