Installation of SAP NetWeaver Developer Studio for Systems Based on SAP NetWeaver Composition Environment 7.2
Valid for SAP NetWeaver Composition Environment 7.2
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Document History

Note

Before you start the implementation, make sure you have the latest version of this document, which is available at https://support.sap.com/sltoolset System Provisioning.

The following table provides an overview on the most important document changes:

Table 1:

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1 Introduction

This guide describes how to install and update the SAP NetWeaver Developer Studio (“Developer Studio” for short), which is delivered as a client with SAP Composition Environment 7.2 (“CE 7.2” for short).

**Note**

The SP level and the EHP level of the Developer Studio correspond to the SP level and the EHP level of the CE 7.2 system. Therefore, to make the current document more readable, we refer to the Developer Studio as CE 7.2, although it is not a product but a client.

The 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 the SAP Library for CE 7.2 at: http://help.sap.com/nwce72 > Application Help > SAP Library <Language> > Development Information

The 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 Developer Studio Update Site [page 5].
2. Perform one of the following:
   - If you want to install the Developer Studio, proceed as described in Installing Developer Studio [page 8].
   - If you want to update the Developer Studio, proceed as described in Updating Developer Studio [page 11].
2 Developer Studio Update Site

2.1 Developer Studio Update Site

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

- Central Update Site [page 5]
- Media Update Site [page 6]
- Update Site Mirror [page 7]

➤ Recommendation

The central update site on SAP Service Marketplace or the update site on the installation media 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 media or an update site mirror.

2.2 Accessing the 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/720/
2.3 Accessing the Media Update Site

Use

You can access the update site with the installation and update instructions on the CE 7.2 Java media in one of the following ways:

- By directly accessing the index.html file on the Java media
- By running software provisioning manager 1.0.

Prerequisites

- You normally obtain the Java installation media as part of the installation package from SAP. However, you can also download it from the software distribution center on SAP Service Marketplace as follows:
  
  [Link to SAP Service Marketplace]

- Installations and Upgrades ➔ A - Z Index ➔ N ➔ SAP NetWeaver ➔ SAP NetWeaver CE 7.1X ➔ SAP NetWeaver CE 7.2 ➔ Installation ➔ Microsoft Windows ➔ <Your Database> ➔ NW CE 7.2 Application, Dev. WP <32bit|64 bit>

  **Note**

  Since the Java media is split into several files, you have to reassemble it after the download.

- Make sure that the latest version of the SAPCAR archiving tool is available on the installation host. If required, you can download the latest version of SAPCAR from:
  
  [Link to SAP Service Marketplace]

  Support Packages and Patches ➔ A - Z Index ➔ S ➔ SAPCAR ➔ Software Provisioning Manager ➔ SOFTWARE PROVISIONING MGR 1.0 ➔ <OS>

  For more information about SAPCAR, see SAP Note 212876.

Procedure

To start the update site on the CE 7.2 Application media, open the index.html file, which you can find at the following location on the CE 7.2 Application media:

<media_drive>:\DATA_UNITS\CE_JAVA_IDE.

1. Download the latest version of the software provisioning manager 1.0 archive SWPM10SP<Support_Package_Number>_<Version_Number>.SAR from:
  
  [Link to SAP Service Marketplace]

  Support Packages and Patches ➔ A - Z Index ➔ S ➔ SL TOOLSET ➔ SL TOOLSET <Release> ➔ Entry by Component ➔ Software Provisioning Manager ➔ SOFTWARE PROVISIONING MGR 1.0 ➔ <OS>

2. Unpack the software provisioning manager 1.0 archive to a local directory using the following command:

   SAPCAR -xvf <Path_To_Download_Directory><Archive>.SAR -R <Unpack_Directory>
3. Start the installer by double-clicking `sapinst.exe` from the directory to which you unpacked the file `SWPM<Support_Package_Number>_<Version_Number>.SAR`.
   The installer GUI starts automatically by displaying the `Welcome` screen.
4. In the `Welcome` screen, choose the installation option `SAP NetWeaver Developer Studio` from the relevant path:
   `SAP NetWeaver Composition Environment (CE) 7.2 Developer Edition<Database>Install`
5. Choose Next.
6. Specify the location of the `JAVA_IDE` folder on the SAP NetWeaver Java media:
   `<media_drive>:\DATA_UNITS\CE_JAVA_IDE`.
7. Choose Next.
   The Developer Studio update site for media installation opens. Follow the instructions on this page to install and update the Developer Studio.

### 2.4 Creating an Update Site Mirror

1. For information about the steps required to create an update site mirror, see the SAP Library for SAP NetWeaver CE 7.2 at:
2. After you have created the update site mirror, you can connect to it using the following URL:
   `http://<host>:<port>/UpdateSite`
3 Installing the Developer Studio

Use

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

- Using the central update site on SAP Service Marketplace [page 5]
- Using the media update site [page 6] on the Java installation media.
- Using a local update site mirror [page 7].

Caution

Only use the central update site on SAP Service Marketplace, the update site on the Java installation media, 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 Server 2008 64-bit
- Microsoft Windows 7 32-bit
- Microsoft Windows 7 64-bit

For more information, see http://support.sap.com/pam.

Supported JDKs

Caution

The 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 (minimum 1.6.0_7 version)

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.
Procedure

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 5].
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 Media Update Site [page 6].
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 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 7].
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 7].
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.
4 Updating the Developer Studio

Use

This section describes how to update your Developer Studio from a lower release or SP-level. You do that in one of the following ways:

- Update from one of the following to Developer Studio 7.2:
  - Developer Studio 7.0
  - Developer Studio 7.1 SP03 (or higher),
  - Developer Studio 7.1 including enhancement package 1
- Update from a lower SP level of Developer Studio 7.2 to a higher SP level of Developer Studio 7.2.

Prerequisites

The Developer Studio is stopped.

Procedure

Update from an older version of the Developer Studio

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 8].
- 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 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 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 the 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 the Developer Studio 7.1 EHP 1, 7.2 or 7.3, you have to delete the folder, which contains the Developer Studio files.

Update from a lower SP level of the Developer Studio 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 8].

1. Connect to update site as described in Central Update Site on SAP Service Marketplace [page 5].
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 5].
2. Follow the instructions described in the section Adding New Features of the update site.
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