

SAP NetWeaver Developer Workplace SR1 (SPS06) – part 3 (JDI SPS06) -

Before you start

Please check the document called **SAP NetWeaver Developer Workplace SR1 (SPS06) – part 3a (JDI SPS06)** in order to see if any updated information is available to the information included in this document.

Installation of the SAP NetWeaver Development Infrastructure

You will now install within the Developer Workplace the SAP NetWeaver Development Infrastructure using the JSPM (Java Support Package Manager) tool.

You need three files as depicted below, which you can download from the SAP service market place. Make sure you use the source stack SPS06.

Select the following three files to download and copy them into a directory called **D:\usr\sap\trans\EPS\in**.

DICMS06_0-10003499.SCA (SP06 for DI CHANGE MGMT SERVER 7.00)
DICBS06_0-10003500.SCA (SP06 for DI COMPONENT BUILD SERVER 7.00)
DIDTR06_0-10003501.SCA (SP06 for DI DESIGN TIME REPOSITORY 7.00)

HOME

Problem Solving

Downloads

Keys & Requests

Data Administration

Maintenance & Services

SAP Support Infrastructure

Release & Upgrade Info

Knowledge Exchange

SAP Software Distribution Center

SAP Installations & Upgrades

SAP Support Packages

Database Patches

Download Basket

Additional Download Info

You are here:

SAP Software Distribution Center

Download

Support Packages and Patches

Search for Support Packages and Patches

Entry by Application Group

My Company's Application Components

Archive for Support Packages and Patches

SAP Support Packages in Detail

SAP Support Package Stacks

Installations and Upgrades

Search for Installations and Upgrades

Entry by Application Group

My Company's Application Components

RampUp for Installations and Upgrades

Installation and Upgrade Guides

Content

Database Patches (from other workbooks)

Support Package Stacks

SAP NETWEAVER 2004S

Step 3 of 3 - Downloadable Support Packages

Click on to request Side Effects Report

Previous Step

Print List

Save As File

Add to Download Basket

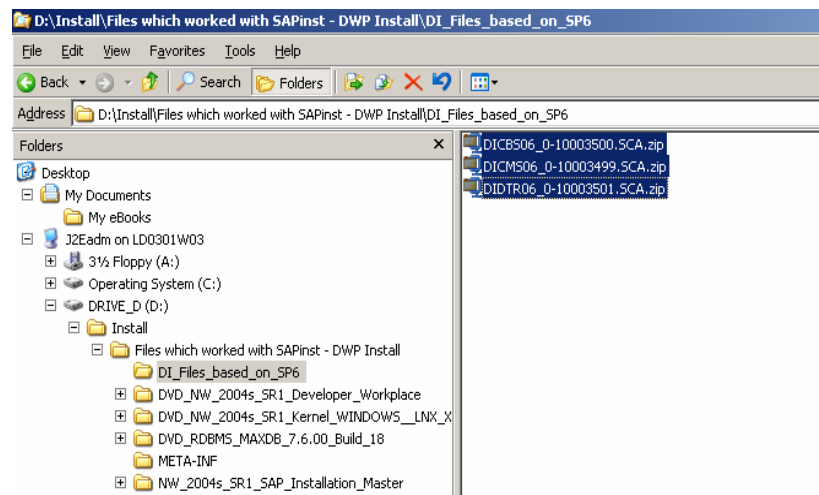
Maintain Download Basket

Side Effect Report

Select All

Deselect All

File	Description	Side E	Info File	Component Version	Instential
<input type="checkbox"/> ADSSAP06_0-10003001.SCA	SP06 for ADOBE DOCUMENT SERVICES 7.00		Info	ADOBE DOCUMENT SERVICES 7.00	#OS index
<input type="checkbox"/> BWMS06_0-10002702.SCA	SP06 for BI META MODEL REPOSITORY 7.00		Info	BI META MODEL REPOSITORY 7.00	#OS index
<input type="checkbox"/> BUD006_0-10002791.SCA	SP06 for BI UDI 7.00		Info	BI UDI 7.00	#OS index
<input type="checkbox"/> SCAPEU06_0-10003026.SCA	SP06 for CAF EU 7.00		Info	CAF EU 7.00	#OS index
<input type="checkbox"/> SAPBUL06_0-10003475.SCA	SP06 for DI BUILD TOOL 7.00		Info	DI BUILD TOOL 7.00	#OS index
<input checked="" type="checkbox"/> DICMS06_0-10003499.SCA	SP06 for DI CHANGE MGMT SERVER 7.00		Info	DI CHANGE MGMT. SERVER 7.00	#OS index
<input checked="" type="checkbox"/> DICBS06_0-10003500.SCA	SP06 for DI COMPONENT BUILD SERVER 7.00		Info	DI COMPONENT BUILD SERVER 7.00	#OS index
<input checked="" type="checkbox"/> DIDTR06_0-10003501.SCA	SP06 for DI DESIGN TIME REPOSITORY 7.00		Info	DI DESIGN TIME REPOSITORY 7.00	#OS index
<input type="checkbox"/> BASETABLES06_0-10003462.SCA	SP06 for JZEE ENGINE BASE TABLES 7.00		Info	JZEE ENGINE BASE TABLES 7.00	#OS index
<input type="checkbox"/> CORETOOLS06_0-10003456.SCA	SP06 for JZEE ENGINE CORE TOOLS 7.00		Info	JZEE ENGINE CORE TOOLS 7.00	#OS index
<input type="checkbox"/> JLOGVIEW06_0-10003465.SCA	SP06 for JAVA LOG VIEWER 7.00		Info	JAVA LOG VIEWER 7.00	#OS index
<input type="checkbox"/> JSPMAN_0-10003471.SCA	SP06 for JAVA SP MANAGER 7.00		Info	JAVA SP MANAGER 7.00	#OS index



BEFORE you start using the JSPM tool, make the changes to your system as indicated in the **SAP note 971765** (see below).

Symptom

Java Support Package Manager (JSPM) of SAP NetWeaver 2004s stops at the Specify Queue wizard step during validation of the support package queue.

In the following log file of the current logon session, JSPM_PROCESS_<XXX>.LOG or JSPM_MAIN_<XXXX>.LOG, you can find the following error:

Assertion failed for (Could not parse version string content. For input string: "\${SP-PatchLevel}")

Other terms

SAP NetWeaver; Java Support Package Manager; JSPM; Assertion failed for (Could not parse version string content. For input string: "\${SP-PatchLevel}"); Specify Queue;

Reason and Prerequisites

The error has occurred because SDM's version.txt file contains misleading information of current SP version.

Solution

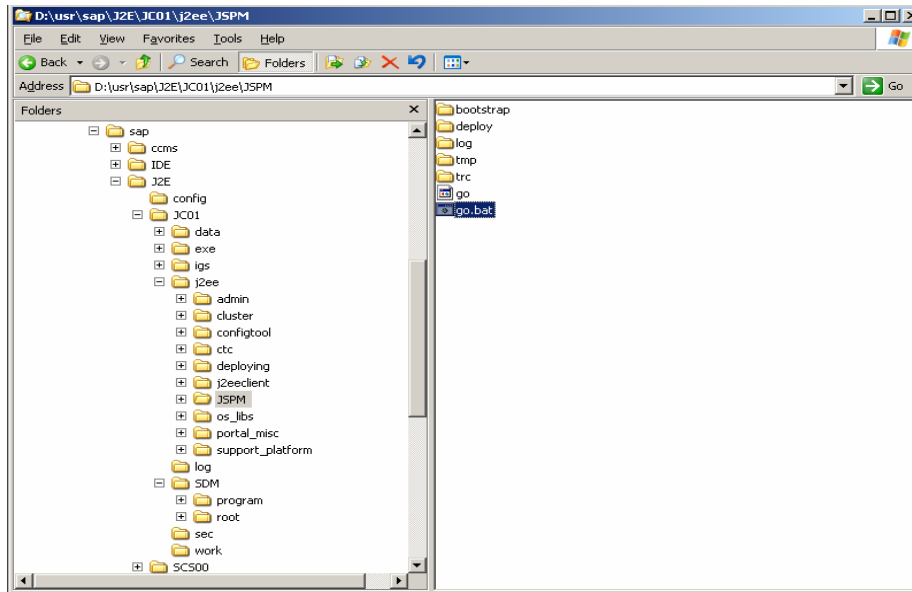
1. Stop JSPM.
 2. Open the file /usr/sap/<SID>/<JC|DVEBMGSxx>/SDM/program/version.txt.
(PLEASE NOTE: The file is located under **D:\usr\sap\J2E\JC01\SDM\program** if you only installed the SAP J2EE stack according to SAP ICC instructions).
 3. In the version.txt file change the line **SP-PatchLevel: \${SP-PatchLevel}** to **SP-PatchLevel: 0**
 4. Save the changes.
 5. Start JSPM.
-

Now deploy with the JSPM the three files which you downloaded and as mentioned above as New Software Components selecting TEST. Make sure the SAP Management Console

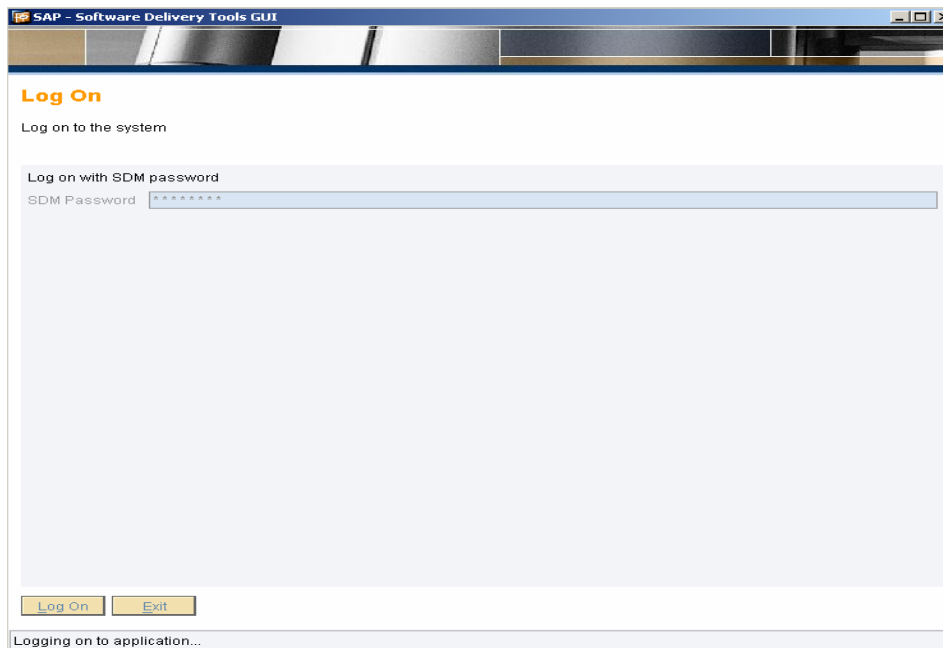


is closed.

Start JSPM (go.bat) from the D:\usr\sap\J2E\JC01\j2ee\JSPM directory as depicted below.



Log on to the system using the password which you used during the SAP installation (SAPInst).



When the Welcome page appears, select New Software Components in the section which says Select a package type to apply, and select TEST in the section which says NWDI Control and then select Next.



The screenshot shows the 'Select Package Type' step of the SAP Software Delivery Tools GUI. The progress bar at the top indicates five steps: 1. Select Package Type (active), 2. Specify Queue, 3. Check Queue, 4. Deploy Queue, and 5. Completed. The main content area has a heading 'Welcome > Select Package Type' and a sub-heading 'Select a package type and an NWDI system role'. It contains three radio button options for package type: 'Support Package Stack', 'Single Support Packages', and 'New Software Components' (which is selected). Below these are instructions on what each option displays. There are also radio button options for NWDI Control: 'No NWDI control', 'DEV', 'CONS', 'TEST' (selected), and 'PROD'. At the bottom are 'Back', 'Next', and 'Cancel' buttons.

SAP - Software Delivery Tools GUI

Deployment Deployed Components Logs

1 2 3 4 5

Select Package Type Specify Queue Check Queue Deploy Queue Completed

Welcome > Select Package Type

Select a package type and an NWDI system role

Select a package type to apply

- ☐ Support Package Stack
- ☐ Single Support Packages
- ☒ New Software Components

You can display the following data from Inbox directory:

- Support Package Stack displays only support package stacks
- Single Support Packages displays only support packages
- New Software Components displays only new software components

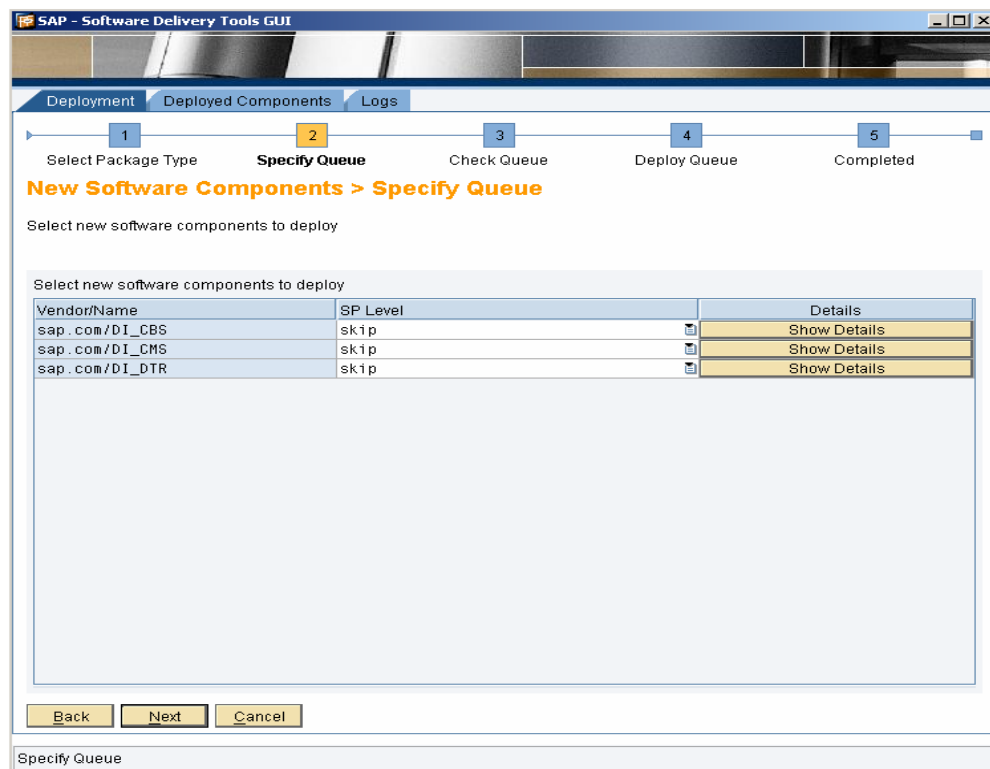
Select whether the system is under NWDI control and the respective NWDI system role

NWDI Control

- ☐ No NWDI control
- ☐ DEV
- ☐ CONS
- ☒ TEST
- ☐ PROD

Back Next Cancel

When the following page appears, just change in the SP Level column the entry skip to 6.0 and then select Next.



The screenshot shows the 'Specify Queue' step of the SAP Software Delivery Tools GUI. The progress bar at the top indicates five steps: 1. Select Package Type, 2. Specify Queue (active), 3. Check Queue, 4. Deploy Queue, and 5. Completed. The main content area has a heading 'New Software Components > Specify Queue' and a sub-heading 'Select new software components to deploy'. It contains a table with three columns: 'Vendor/Name', 'SP Level', and 'Details'. The table has three rows, all with 'skip' in the 'SP Level' column. Each row has a 'Show Details' button in the 'Details' column. Below the table are 'Back', 'Next', and 'Cancel' buttons. The status bar at the bottom shows 'Specify Queue'.

SAP - Software Delivery Tools GUI

Deployment Deployed Components Logs

1 2 3 4 5

Select Package Type **Specify Queue** Check Queue Deploy Queue Completed

New Software Components > Specify Queue

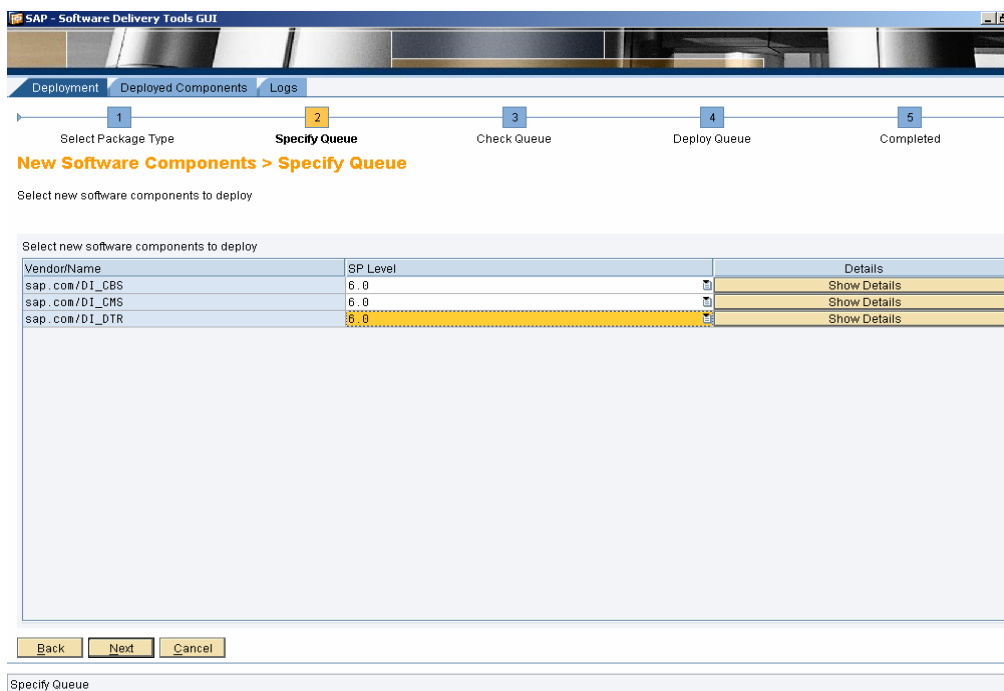
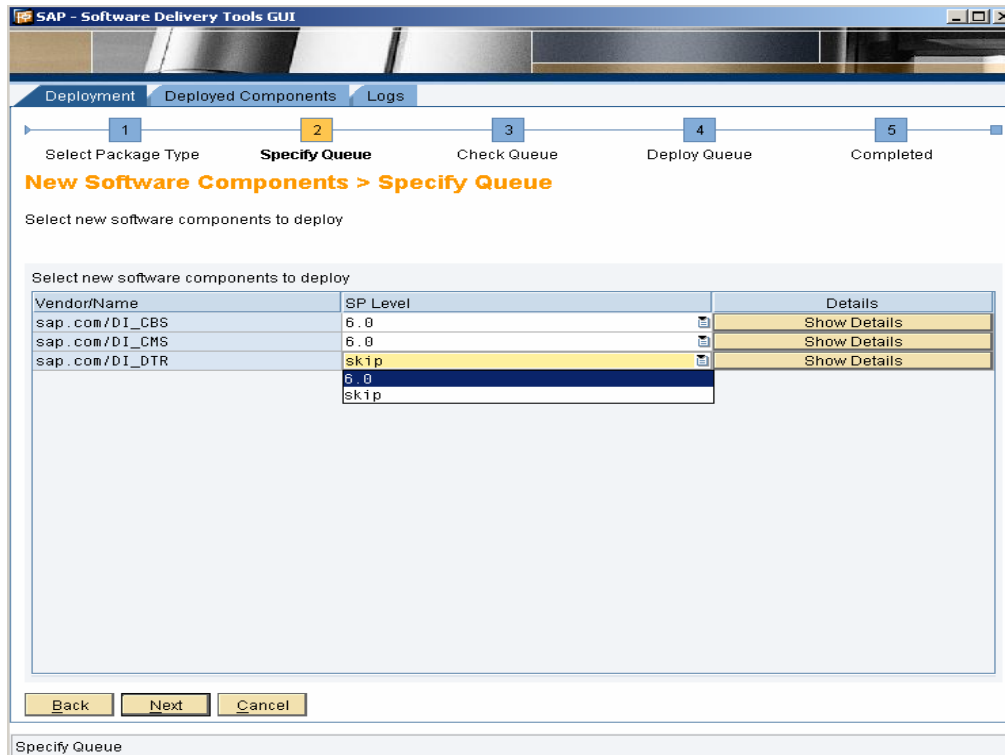
Select new software components to deploy

Select new software components to deploy

Vendor/Name	SP Level	Details
sap.com/DI_CBS	skip	Show Details
sap.com/DI_CMS	skip	Show Details
sap.com/DI_DTR	skip	Show Details

Back Next Cancel

Specify Queue



When the Check Queue page appears, notice the Status column with the OK message for each software component to be deployed as depicted below and select Next and then wait until everything is finished.



The screenshot shows the 'Check Queue' step in the SAP Software Delivery Tools GUI. The progress bar at the top indicates the current step is 3, 'Check Queue'. The main content area displays a message: 'The J2EE Engine will be restarted during deployment' and 'The following software components will be deployed:'. Below this is a table with 5 columns: Order, VendorName, SP Level, Status, and Details. The table lists three components: sap.com/DI_CBS, sap.com/DI_CMS, and sap.com/DI_DTR, all with SP Level 6.0 and Status OK. Each row has a 'Show Details' link. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons. The status bar at the very bottom shows 'Check Queue'.

SAP - Software Delivery Tools GUI

Deployment | Deployed Components | Logs

1 Select Package Type 2 Specify Queue 3 Check Queue 4 Deploy Queue 5 Completed

New Software Components > Check Queue

Validation of the dependencies of the selected software components

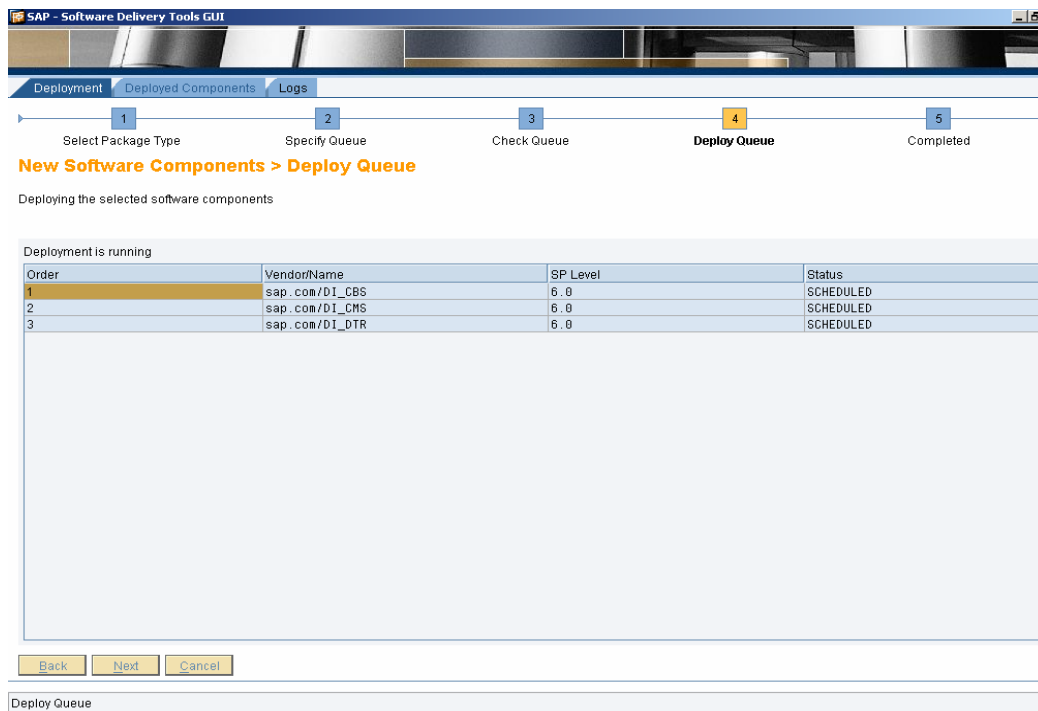
The J2EE Engine will be restarted during deployment

The following software components will be deployed:

Order	VendorName	SP Level	Status	Details
1	sap.com/DI_CBS	6.0	OK	Show Details
2	sap.com/DI_CMS	6.0	OK	Show Details
3	sap.com/DI_DTR	6.0	OK	Show Details

Back Next Cancel

Check Queue



The screenshot shows the 'Deploy Queue' step in the SAP Software Delivery Tools GUI. The progress bar at the top indicates the current step is 4, 'Deploy Queue'. The main content area displays a message: 'Deploying the selected software components'. Below this is a table with 4 columns: Order, VendorName, SP Level, and Status. The table lists three components: sap.com/DI_CBS, sap.com/DI_CMS, and sap.com/DI_DTR, all with SP Level 6.0 and Status SCHEDULED. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons. The status bar at the very bottom shows 'Deploy Queue'.

SAP - Software Delivery Tools GUI

Deployment | Deployed Components | Logs

1 Select Package Type 2 Specify Queue 3 Check Queue 4 Deploy Queue 5 Completed

New Software Components > Deploy Queue

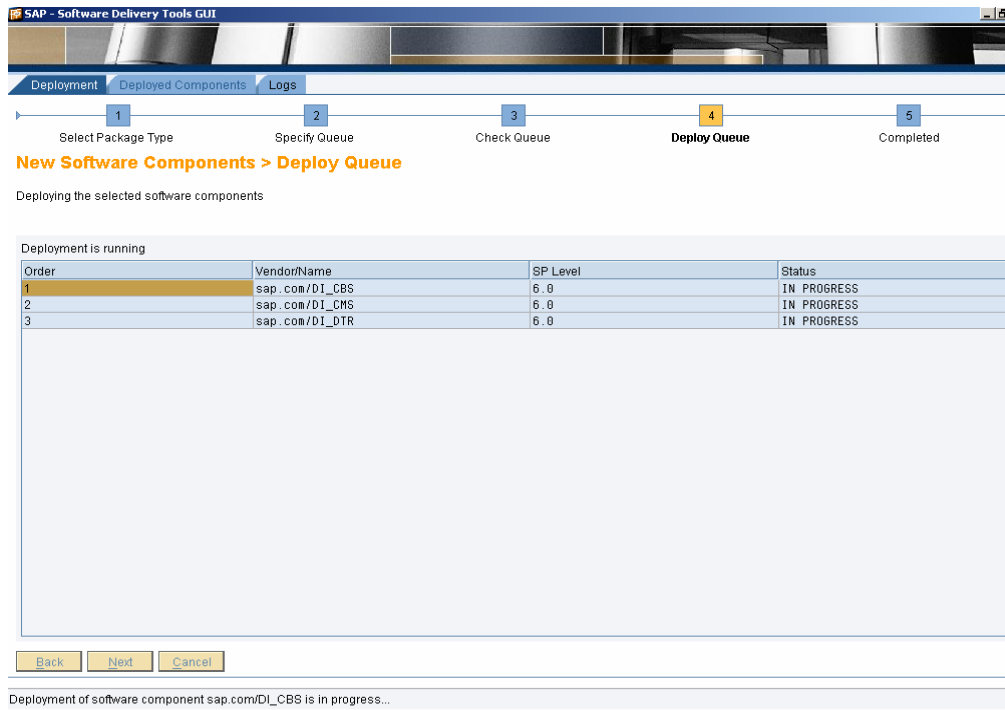
Deploying the selected software components

Deployment is running

Order	VendorName	SP Level	Status
1	sap.com/DI_CBS	6.0	SCHEDULED
2	sap.com/DI_CMS	6.0	SCHEDULED
3	sap.com/DI_DTR	6.0	SCHEDULED

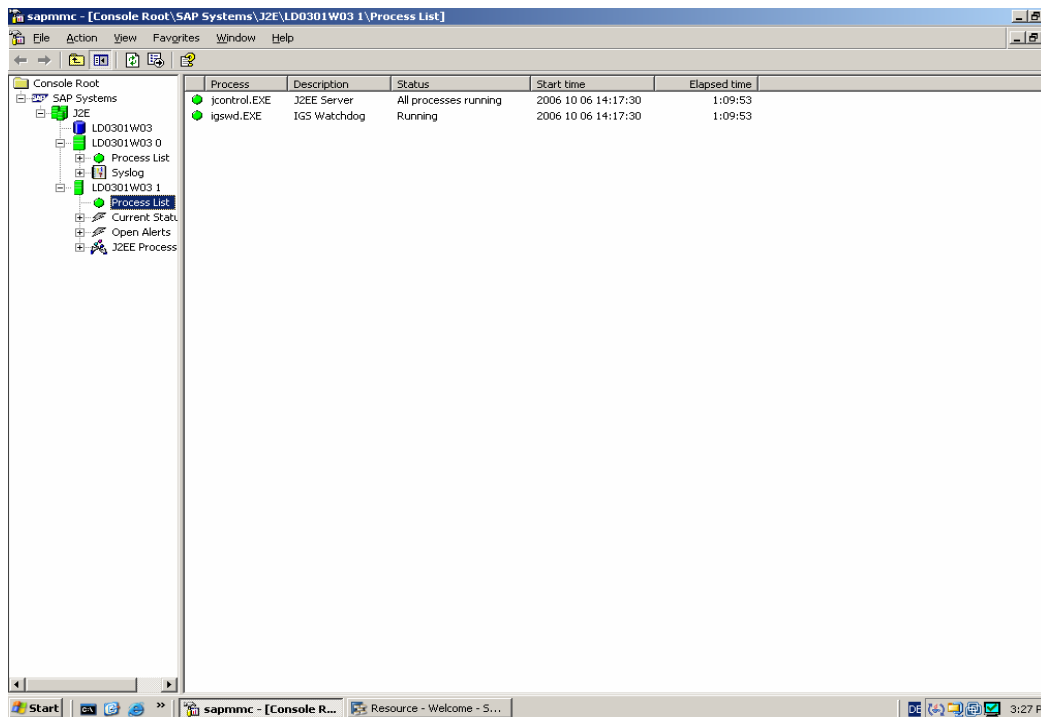
Back Next Cancel

Deploy Queue

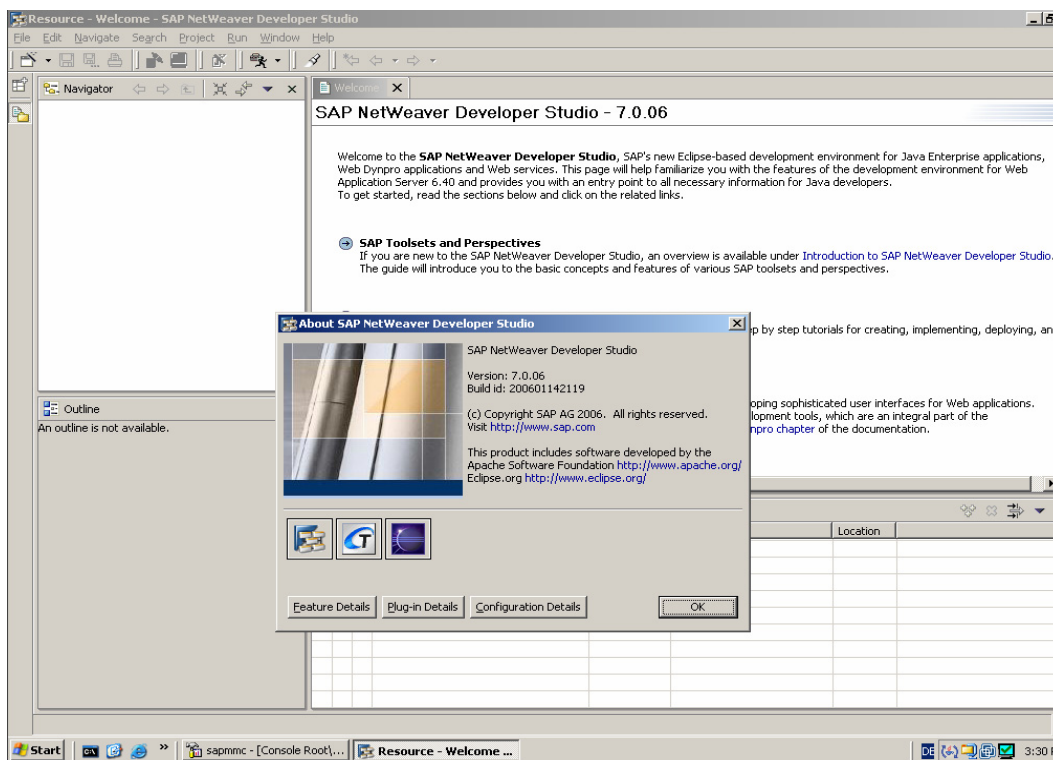
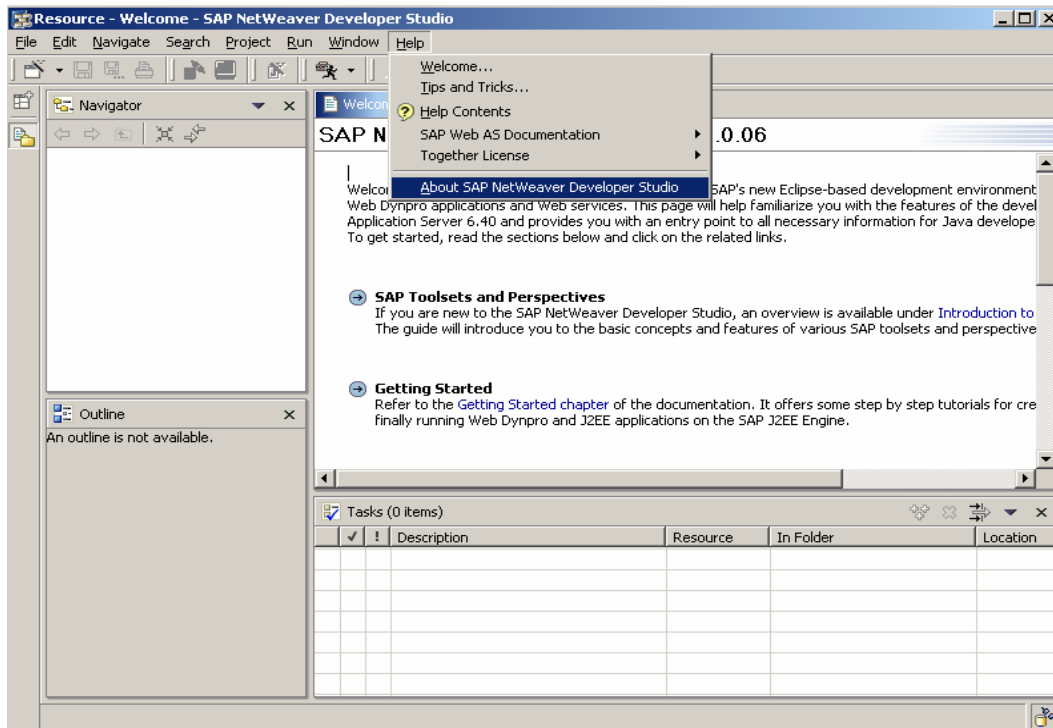


Now check to make sure everything is still running, for example, check SAPmmc, SAP NetWeaver Developer Studio as depicted below.

....check SAPmmc and notice that J2EE and database are running.



....check SAP NetWeaver Developer Studio. Takes a while for it to start.



Now go on and read **SAP NetWeaver Developer Workplace SR1 (SPS06) – part 4 (NWDS SPS06 to SPS09)**

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