

# SAP NetWeaver Developer Workplace SR1 (SPS06) – part 4 (NWDS SPS06 to SPS09)

## **Before you start**

Please check the document called **SAP NetWeaver Developer Workplace SR1 (SPS06) – part 4a (NWDS SPS06 to SPS09)** in order to see if any updated information is available to the information included in this document.

You will now update the SAP NetWeaver Developer Studio from support package stack **SPS06 to SPS09**. Use the information below along with the publicly released SAP document called **SAP NetWeaver 2004s Support Package Stack Guide – SPS09** paying close attention to the information contained in section 2.6.2 Updating Development Infrastructure -> Updating the Developer Workplace -> SAP NetWeaver Developer Studio **and** Local SAP NetWeaver Application Server Java with the later being explained in **SAP NetWeaver Developer Workplace SR1 (SPS06) – part 5 (JSPM SPS06 to SPS09)**.

## **Updating the SAP NetWeaver Developer Studio from support package stack SPS06 to SPS09**

**IMPORTANT:** Stop all SAP applications including the SAP NetWeaver Developer Studio, the local SAP J2EE engine and database, and any other SAP tools etc.

Download all the relevant **SAP NetWeaver 2004s** J2EE support packages from the SAP service market place. As your source stack enter 06 (02/2006) and as your target stack enter 09 (09/2006). Make use of the SAP Software Download Manager and add all the support packages you need to your Download basket in order to ensure that the JSPM can upgrade your system properly (see examples depicted below).

## A) Choose your Source Stack and Target Stack (Step 1 of 3):

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
      - Content
      - Database Patches (from other vendors)
    - SAP Cryptographic Software
    - SAP Connectors
    - Search for all Categories
    - Ordering SAP-Software
    - Download Basket

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### Support Package Stacks

#### SAP NETWEAVER 2004S

Step 1 of 3 - Choose your Source and Target Stack

Please choose the Source Stack and then the Target Stack  
**Remark:** The Source Stack is not mandatory so if you do not know it, leave the field empty

Target Stack:  [Show Stack Information](#)

Source Stack:  [Show Stack Information](#)

Restrict according to Usage

#### Usage Selection

<input checked="" type="checkbox"/> Development Infrastructure	<input checked="" type="checkbox"/> Application Server Java	<a href="#">Select All</a>
<input type="checkbox"/> Application Server ABAP	<input type="checkbox"/> Mobile Infrastructure	<a href="#">Deselect All</a>
<input type="checkbox"/> Process Integration (XI)	<input checked="" type="checkbox"/> Enterprise Portal	
<input type="checkbox"/> Business Intelligence		

[Next Step](#)

#### Additional Information

### SAP NetWeaver 2004s - Support Package Stack Download

This is the download summary for SAP NetWeaver 2004s Support Package Stacks.  
General information about SAP Support Package Stacks can be found under Quick Link [/sp-stacks](#).

Please read the documentation specified for each SP Stack **before** you apply any Support Packages or Patches of the selected SP Stack.  
A link to the corresponding documentation of

SAP NetWeaver 2004s Support Package Stacks

## B) Choose Configuration (Step 2 of 3):

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
          - Content
          - Database Patches (from other vendors)
          - SAP Cryptographic Software
          - SAP Connectors
          - Search for all Categories
          - Ordering SAP-Software
          - Download Basket

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Support Package Stacks

### SAP NETWEAVER 2004S Support Package Stack 09 (09/2006)

Step 2 of 3 - Choose Configuration

Please choose for each of the component versions listed below the configuration (DB-System, Operating-System, others) you need for your implemented solution. Please make sure that you always select:

- the OS-independent (#OS independent) and
- the DB-independent instantiation (#Database independent) in addition to your specific DB and OS instantiation.

Previous Step | Next Step

**ConfigTree**

- SAP IGS 7.00 for Application Server Java, Enterprise Portal, Development Infrastructure (From SP001 To SP005 or higher (Recommendation: SP005)) [Expand All](#)
- SAP KERNEL 7.00 32-BIT UNICODE for Application Server Java, Enterprise Portal, Development Infrastructure (From SP041 To SP075 or higher (Recommendation: SP075)) [Collapse All](#)
- SAP KERNEL 7.00 64-BIT UNICODE for Application Server Java, Enterprise Portal, Development Infrastructure (From SP041 To SP075 or higher (Recommendation: SP075))
- TREX 7.00 for Search and Classif. (TREX) (From SP006 To SP024 or higher (Recommendation: SP024))

Previous Step | Next Step

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
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          - Content
          - Database Patches (from other vendors)
          - SAP Cryptographic Software
          - SAP Connectors
          - Search for all Categories
          - Ordering SAP-Software
          - Download Basket

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Support Package Stacks

### SAP NETWEAVER 2004S Support Package Stack 09 (09/2006)

Step 2 of 3 - Choose Configuration

Please choose for each of the component versions listed below the configuration (DB-System, Operating-System, others) you need for your implemented solution. Please make sure that you always select:

- the OS-independent (#OS independent) and
- the DB-independent instantiation (#Database independent) in addition to your specific DB and OS instantiation.

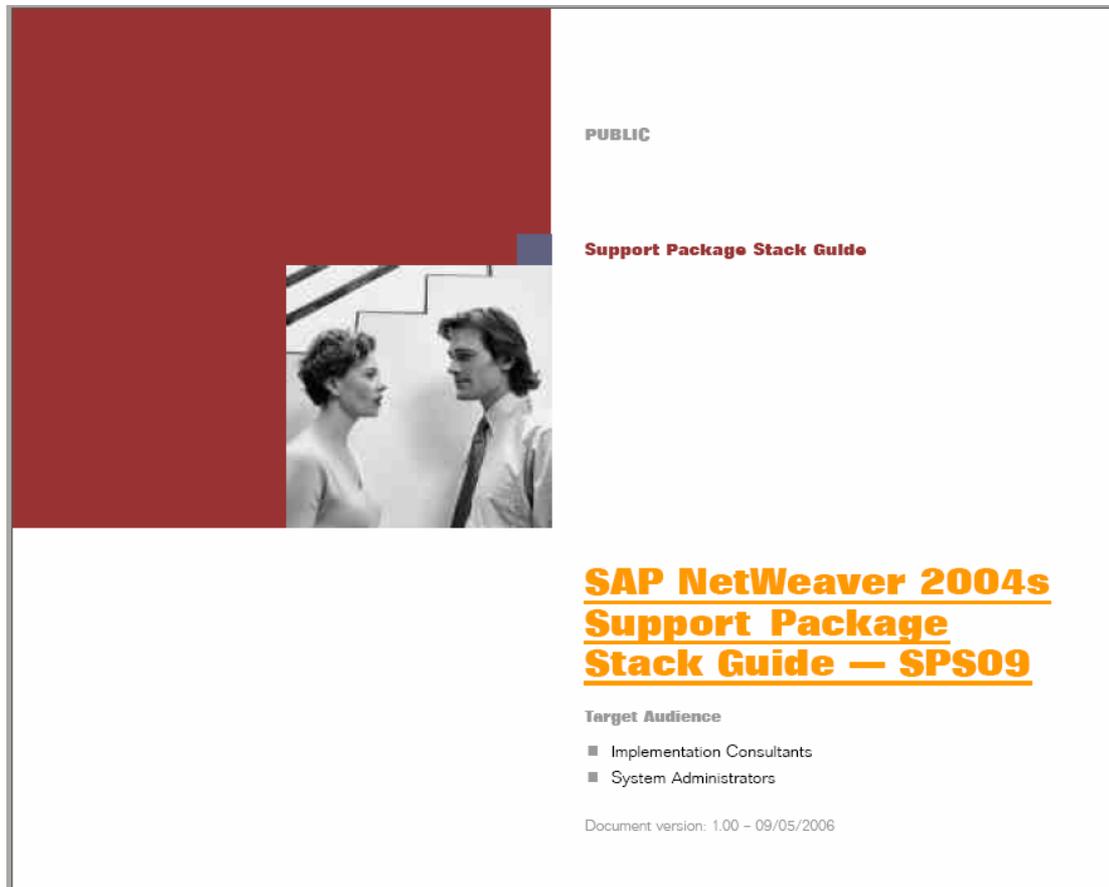
Previous Step | Next Step

**ConfigTree**

- SAP IGS 7.00 for Application Server Java, Enterprise Portal, Development Infrastructure (From SP001 To SP005 or higher (Recommendation: SP005)) [Expand All](#) [Collapse All](#)
- AIX 64bit
- HP-LUX on IA64 64bit
- HP-LUX on PA-RISC 64bit
- Linux on Power 64bit
- Linux on IA32 32bit
- Linux on IA64 64bit
- Linux on x86\_64 64bit
- Windows Server on IA32 32bit
- Windows Server on IA64 64bit
- Windows Server on x64 64bit
- OS400 V5R2M0
- Linux on zSeries 64bit
- Solaris on x64\_64 64bit
- Solaris on SPARC 64bit
- SAP KERNEL 7.00 32-BIT UNICODE for Application Server Java, Enterprise Portal, Development Infrastructure (From SP041 To SP075 or higher (Recommendation: SP075))
  - Linux on IA32 32bit
    - DB2 LDB
    - #Database independent
    - MaxDB
    - ORACLE
  - Windows Server on IA32 32bit
    - DB2/990
    - DB2/400
    - DB2 LDB
    - #Database independent
    - MaxDB
    - MS SQL SERVER
    - ORACLE
- SAP KERNEL 7.00 64-BIT UNICODE for Application Server Java, Enterprise Portal, Development Infrastructure (From SP041 To SP075 or higher (Recommendation: SP075))
- TREX 7.00 for Search and Classif. (TREX) (From SP006 To SP024 or higher (Recommendation: SP024))

**C) Downloadable Support Packages (Step 3 of 3):**

You need to select all packages relevant to your installation, including the SAP tool called SAPCAR (see section **A.2.1 SAPCAR** in the **SAP NetWeaver 2004s Support Package Stack Guide – SPS09**).

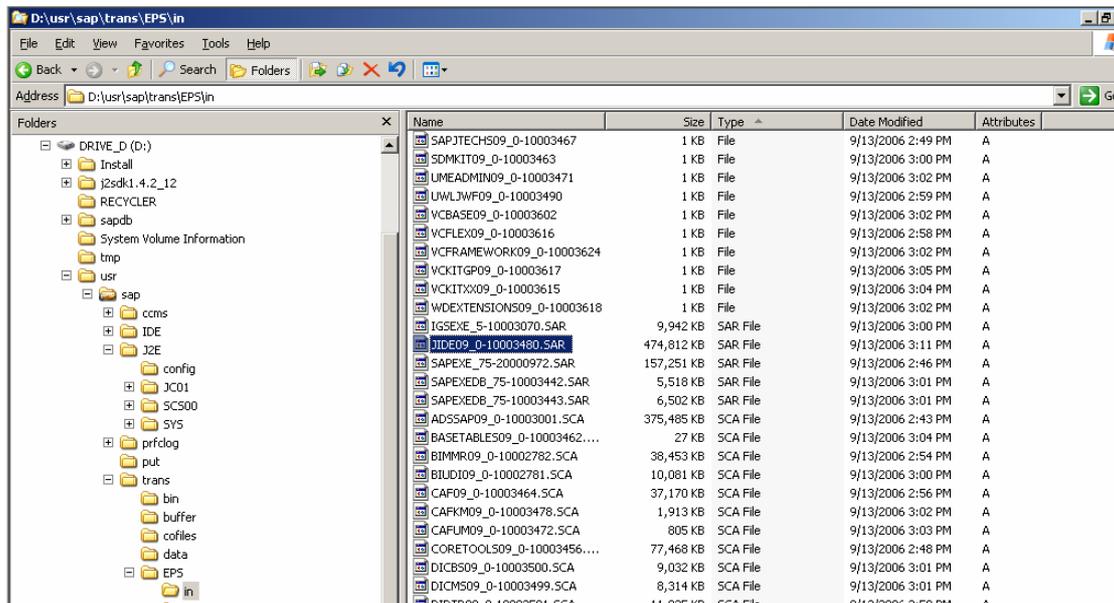
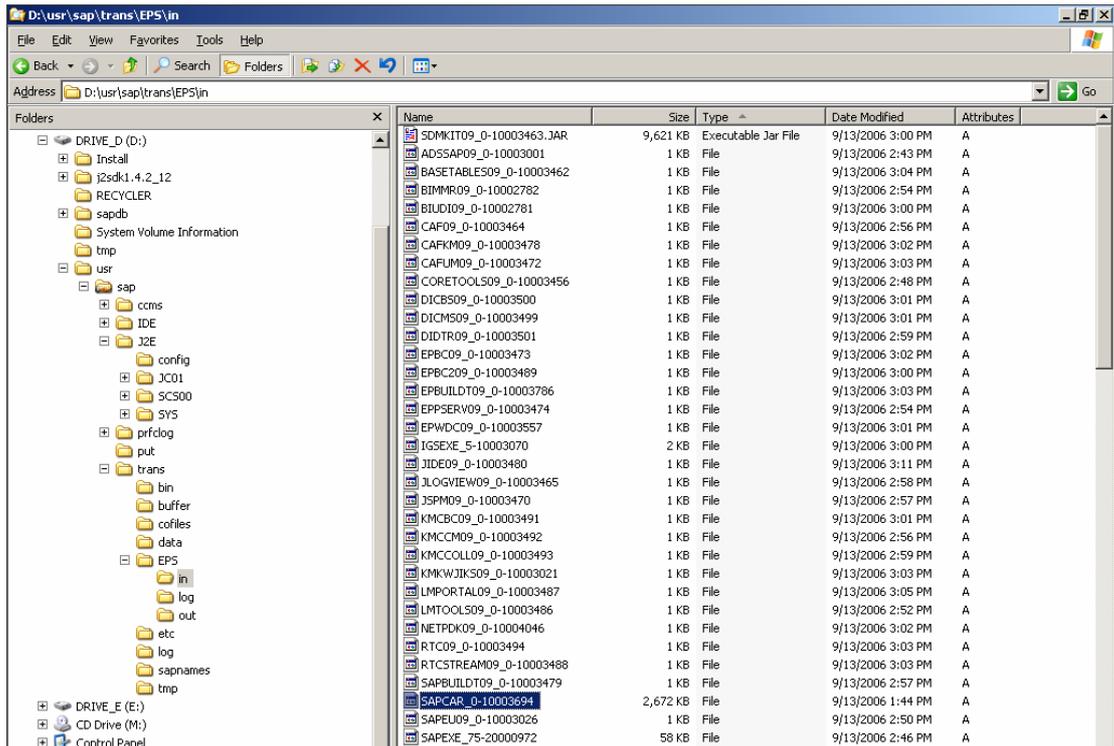


Which support packages need to be selected, are described in the **SAP NetWeaver 2004s Support Package Stack Guide – SPS09** (the name of the guide at the time of this writing). In the future SPS09 will be followed by SPS10, 11, 12 etc).

You need to read through the stack guide, paying close attention to the information contained in section **2.6.2 Updating Development Infrastructure** -> **Updating the Developer Workplace** -> **SAP NetWeaver Developer Studio** and **Local SAP NetWeaver Application Server Java**.

It is also a good idea, to generate or create a support package stack XML file, as described in **SAP note 884537 - Benefit and use of the Support Package Stack XML**.

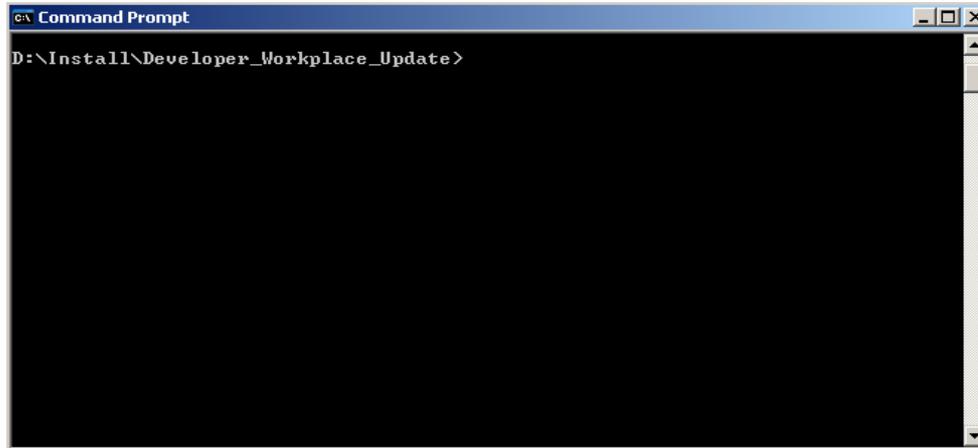
You need the SAP extraction file called SAPCAR -> SAPCAR\_0-10003694 in order to extract a file called JIDE09\_0-10003480.SAR (this file contains the upgrade files in order for you to upgrade from SPS06 to SPS09). See examples, depicted below.



Copy the above two files (SAPCAR\_0-10003694 and JIDE09\_0-10003480.SAR) into a separate directory called, for example, D:\Install\Developer\_Workplace\_Update. You can rename SAPCAR\_0-10003694 to SAPCAR.EXE.

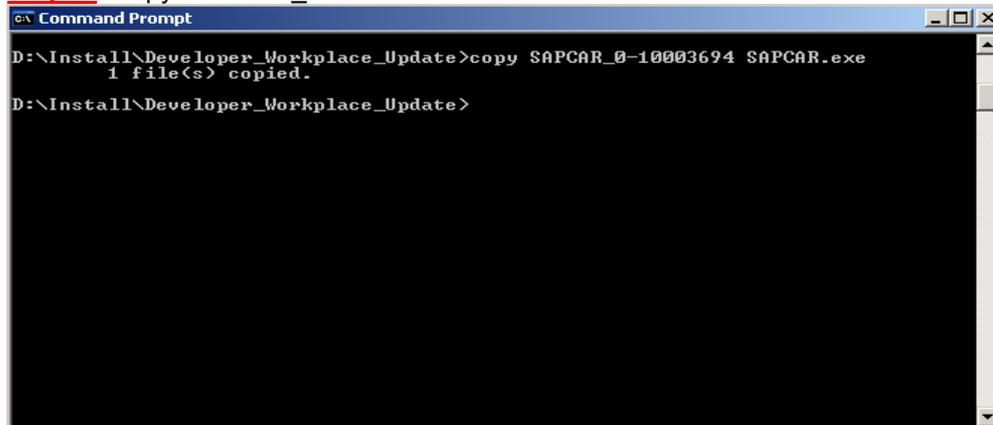
Now follow the instructions below.

**Step 1:** Change to the directory where SAPCAR\_0-10003694 and JIDE09\_0-10003480.SAR are located.



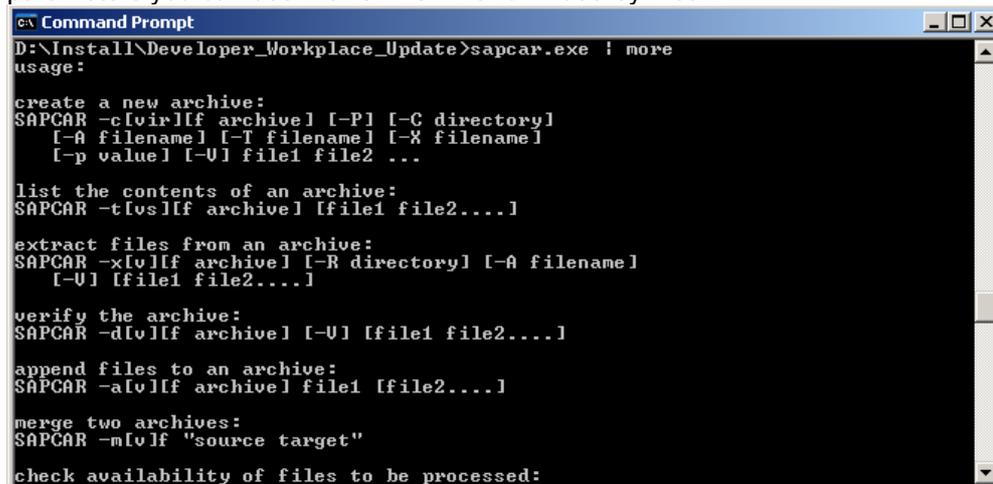
```
Command Prompt
D:\Install\Developer_Workplace_Update>
```

**Step 2:** Copy SAPCAR\_0-10003694 to SAPCAR.EXE



```
Command Prompt
D:\Install\Developer_Workplace_Update>copy SAPCAR_0-10003694 SAPCAR.exe
1 file(s) copied.
D:\Install\Developer_Workplace_Update>
```

**Step 3:** By typing SAPCAR.EXE | more at the command prompt, you receive a list of parameters you can use with SAPCAR and what they mean.



```
Command Prompt
D:\Install\Developer_Workplace_Update>sapcar.exe | more
usage:
create a new archive:
SAPCAR -c[lvirl]f archive] [-P] [-C directory]
[-A filename] [-T filename] [-X filename]
[-p value] [-U] file1 file2 ...

list the contents of an archive:
SAPCAR -t[vs]lf archive] [file1 file2....]

extract files from an archive:
SAPCAR -x[lv]lf archive] [-R directory] [-A filename]
[-U] [file1 file2....]

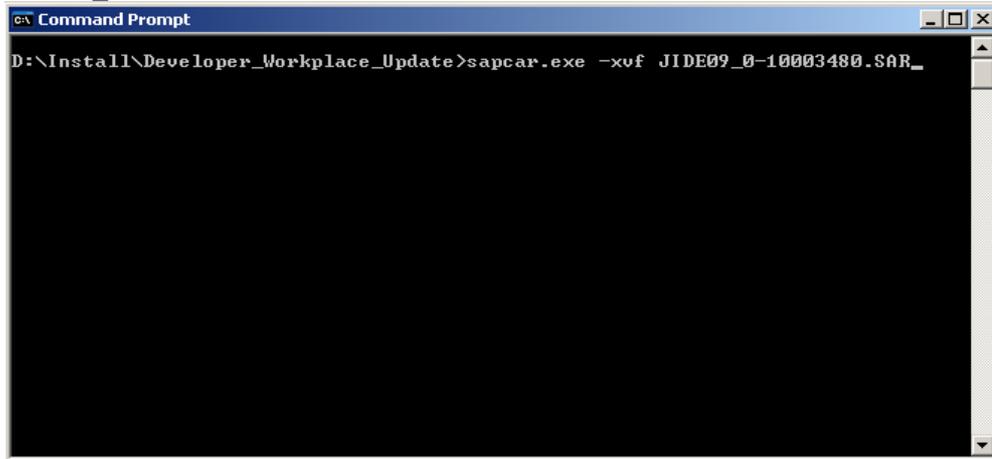
verify the archive:
SAPCAR -d[lv]lf archive] [-U] [file1 file2....]

append files to an archive:
SAPCAR -a[lv]lf archive] file1 [file2....]

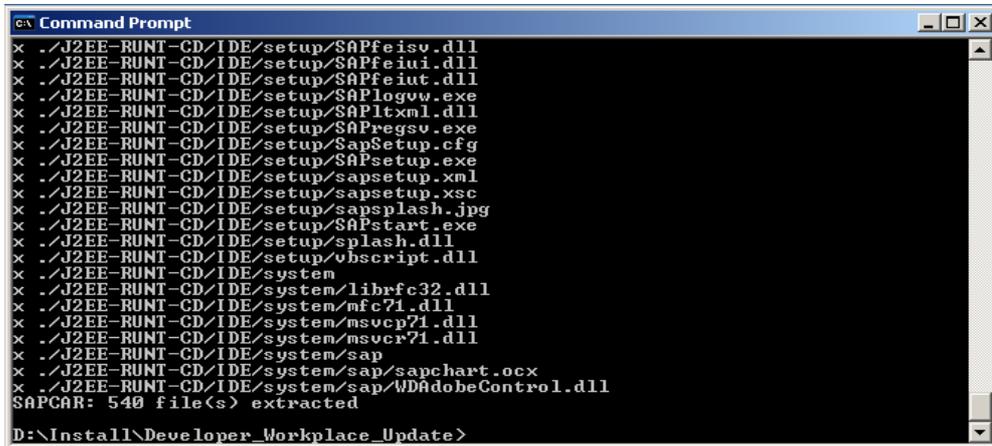
merge two archives:
SAPCAR -m[lv]f "source target"

check availability of files to be processed:
```

**Step 4:** Extract the file JIDE09\_0-10003480.SAR with the command SAPCAR.exe -xvf JIDE09\_0-10003480.SAR

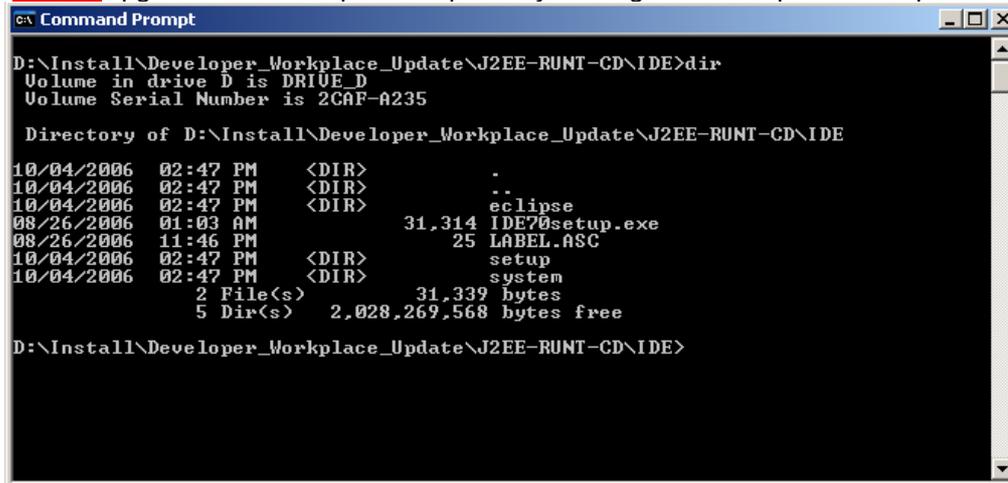


```
GA\ Command Prompt
D:\Install\Developer_Workplace_Update>sapcar.exe -xvf JIDE09_0-10003480.SAR_
```



```
GA\ Command Prompt
x ./J2EE-RUNT-CD/IDE/setup/SAPfeisu.dll
x ./J2EE-RUNT-CD/IDE/setup/SAPfeiu.dll
x ./J2EE-RUNT-CD/IDE/setup/SAPfeiu.dll
x ./J2EE-RUNT-CD/IDE/setup/SAPlogvw.exe
x ./J2EE-RUNT-CD/IDE/setup/SAPltxml.dll
x ./J2EE-RUNT-CD/IDE/setup/SAPpregsv.exe
x ./J2EE-RUNT-CD/IDE/setup/SapSetup.cfg
x ./J2EE-RUNT-CD/IDE/setup/SAPsetup.exe
x ./J2EE-RUNT-CD/IDE/setup/sapsetup.xml
x ./J2EE-RUNT-CD/IDE/setup/sapsetup.xsc
x ./J2EE-RUNT-CD/IDE/setup/sapsplash.jpg
x ./J2EE-RUNT-CD/IDE/setup/SAPstart.exe
x ./J2EE-RUNT-CD/IDE/setup/splash.dll
x ./J2EE-RUNT-CD/IDE/setup/vbscript.dll
x ./J2EE-RUNT-CD/IDE/system
x ./J2EE-RUNT-CD/IDE/system/librfc32.dll
x ./J2EE-RUNT-CD/IDE/system/mfc71.dll
x ./J2EE-RUNT-CD/IDE/system/msvc71.dll
x ./J2EE-RUNT-CD/IDE/system/msvcr71.dll
x ./J2EE-RUNT-CD/IDE/system/sap
x ./J2EE-RUNT-CD/IDE/system/sap/sapchart.ocx
x ./J2EE-RUNT-CD/IDE/system/sap/WDAAdobeControl.dll
SAPCAR: 540 file(s) extracted
D:\Install\Developer_Workplace_Update>
```

**Step 5:** Upgrade the Developer Workplace by starting IDE70setup.exe as depicted below.



```
GA\ Command Prompt
D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE>dir
Volume in drive D is DRIVE_D
Volume Serial Number is 2CAF-A235

Directory of D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE

10/04/2006 02:47 PM <DIR> .
10/04/2006 02:47 PM <DIR> ..
10/04/2006 02:47 PM <DIR> eclipse
08/26/2006 01:03 AM 31,314 IDE70setup.exe
08/26/2006 11:46 PM 25 LABEL.ASC
10/04/2006 02:47 PM <DIR> setup
10/04/2006 02:47 PM <DIR> system
                2 File(s)          31,339 bytes
                5 Dir(s)      2,028,269,568 bytes free
D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE>
```

```
ca\ Select Command Prompt
D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE>dir
Volume in drive D is DRIVE_D
Volume Serial Number is 2CAF-A235

Directory of D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE

10/04/2006  02:47 PM  <DIR>      .
10/04/2006  02:47 PM  <DIR>      ..
10/04/2006  02:47 PM  <DIR>      eclipse
08/26/2006  01:03 AM      31,314  IDE70setup.exe
08/26/2006  11:46 PM          25  LABEL.ASC
10/04/2006  02:47 PM  <DIR>      setup
10/04/2006  02:47 PM  <DIR>      system
                2 File(s)      31,339 bytes
                5 Dir(s)  2,028,269,568 bytes free

D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE>_
```

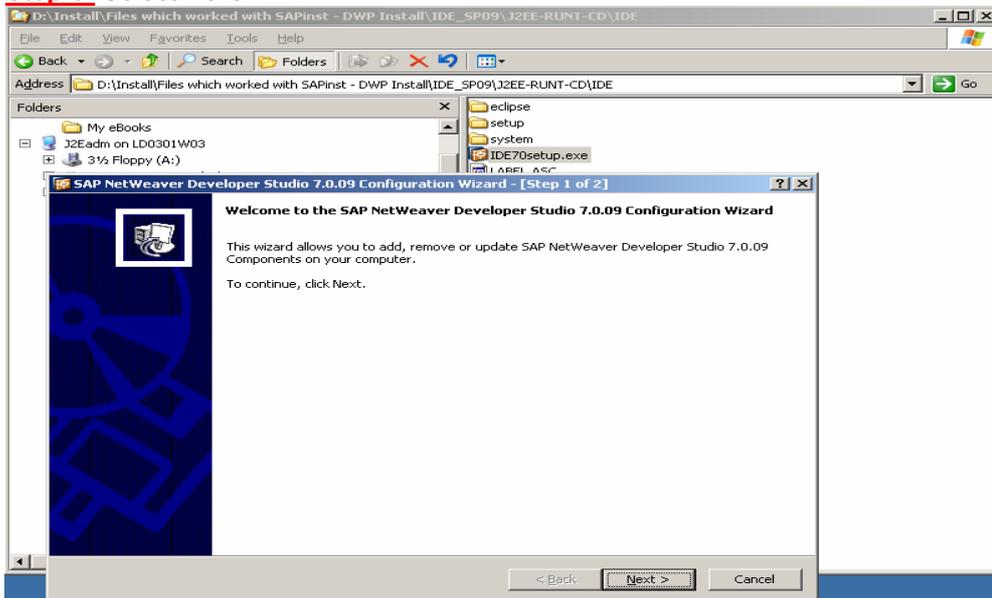
```
ca\ Select Command Prompt
D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE>dir
Volume in drive D is DRIVE_D
Volume Serial Number is 2CAF-A235

Directory of D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE

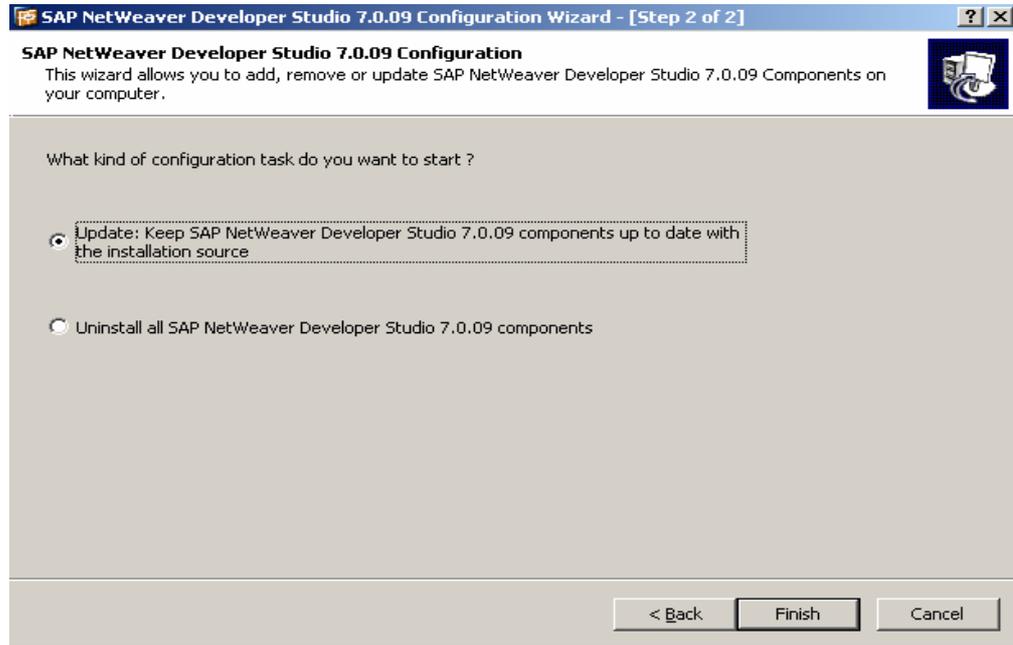
10/04/2006  02:47 PM  <DIR>      .
10/04/2006  02:47 PM  <DIR>      ..
10/04/2006  02:47 PM  <DIR>      eclipse
08/26/2006  01:03 AM      31,314  IDE70setup.exe
08/26/2006  11:46 PM          25  LABEL.ASC
10/04/2006  02:47 PM  <DIR>      setup
10/04/2006  02:47 PM  <DIR>      system
                2 File(s)      31,339 bytes
                5 Dir(s)  2,028,269,568 bytes free

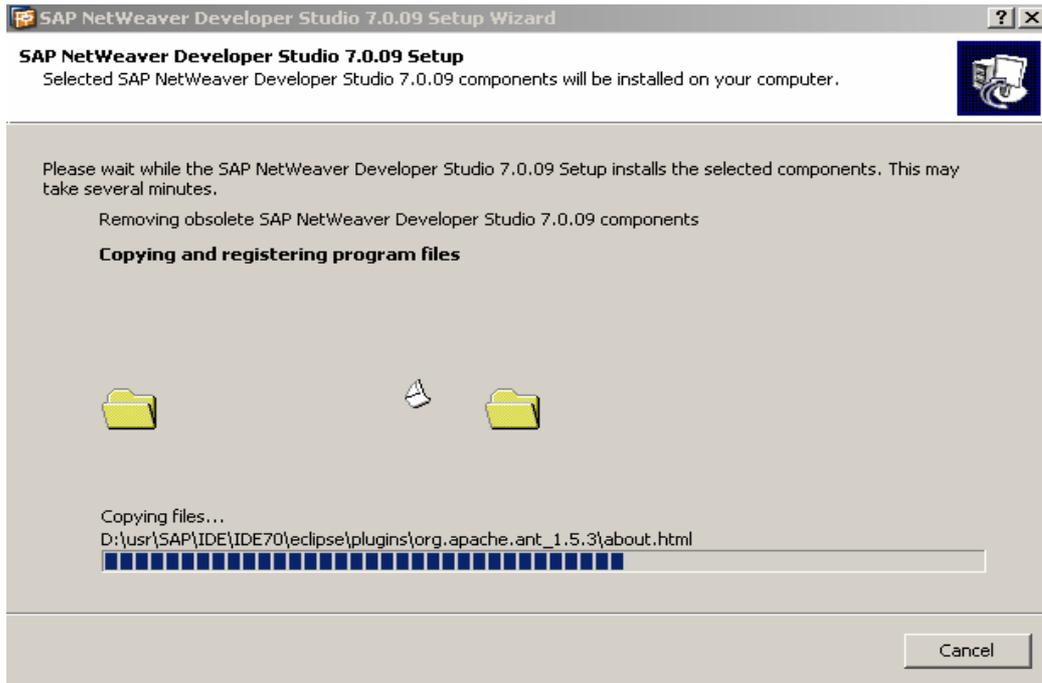
D:\Install\Developer_Workplace_Update\J2EE-RUNT-CD\IDE>IDE70setup.exe
```

**Step 6:** Select Next.

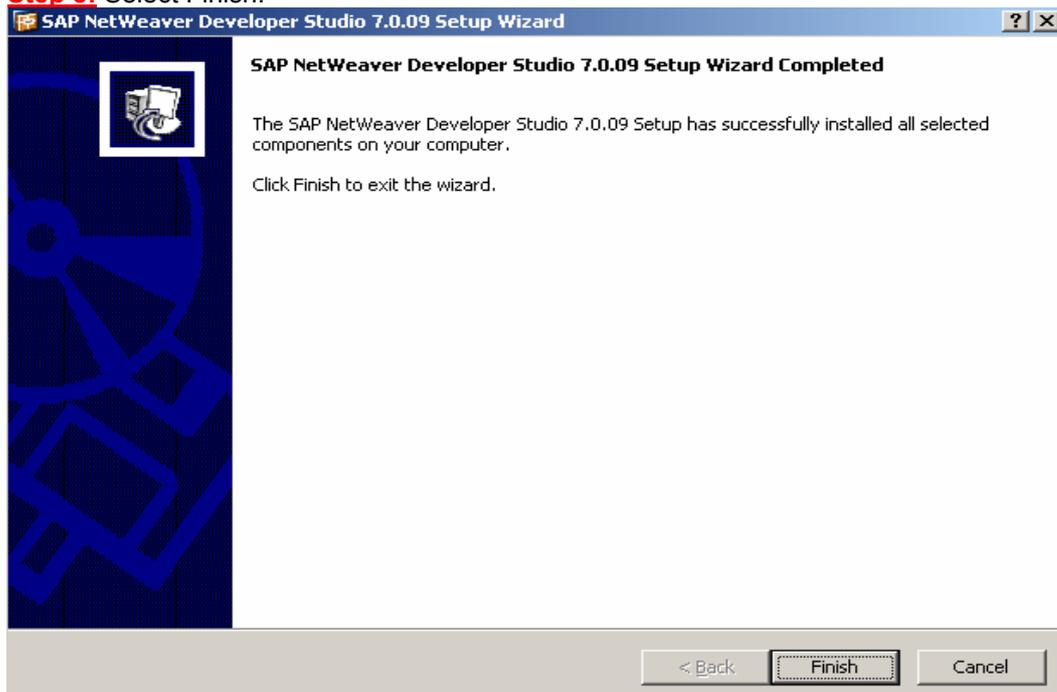


**Step 7:** Select Update: Keep SAP NetWeaver Developer Studio 7.0.09 components up to date with the installation source...Finish

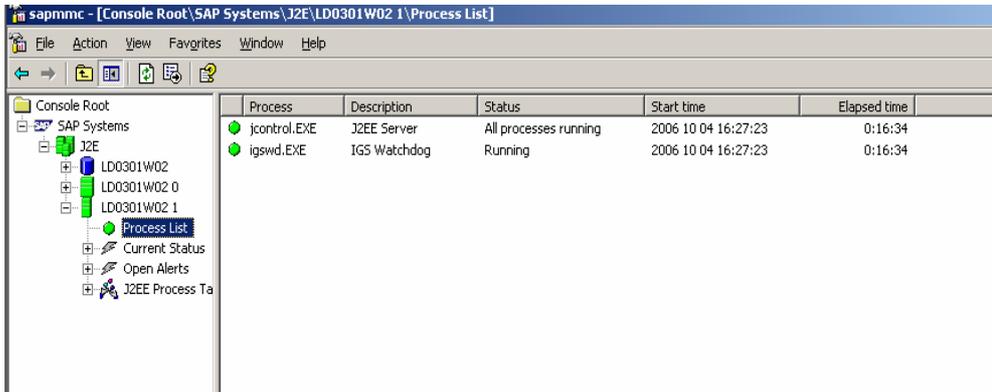
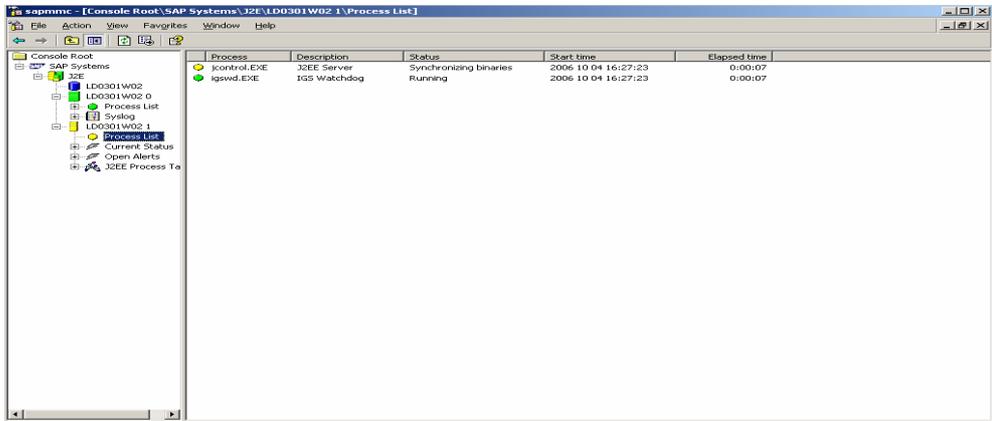
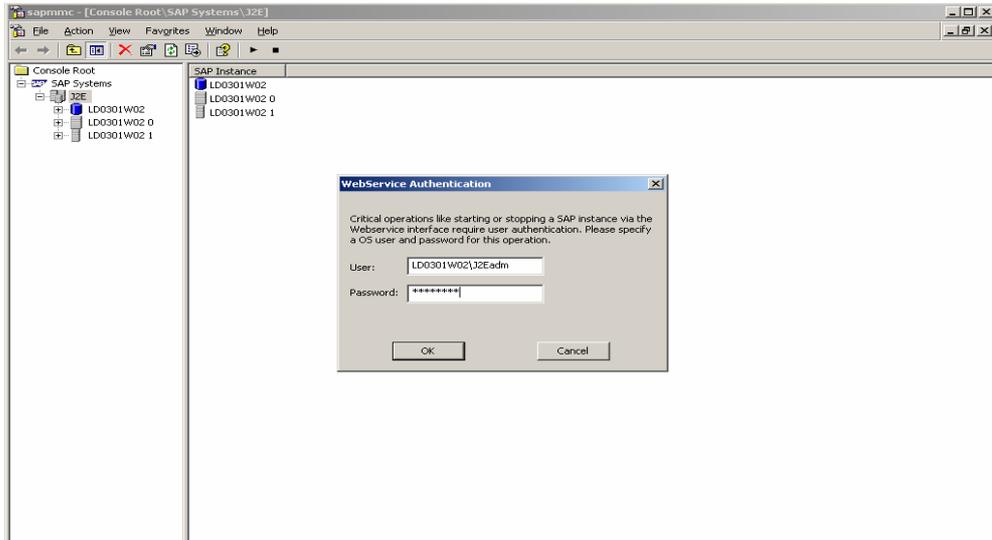




**Step 8:** Select Finish.



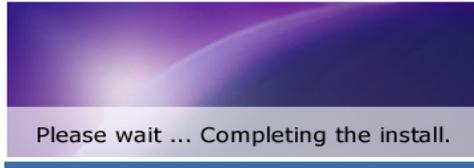
**Step 9:** Check the SAP NetWeaver Developer Studio, if it can be launched. Before you do that, just start the database and the J2EE engine again via SAPMMC as depicted below, in order to make sure, your complete Developer Workplace Installation appears to be working fine.



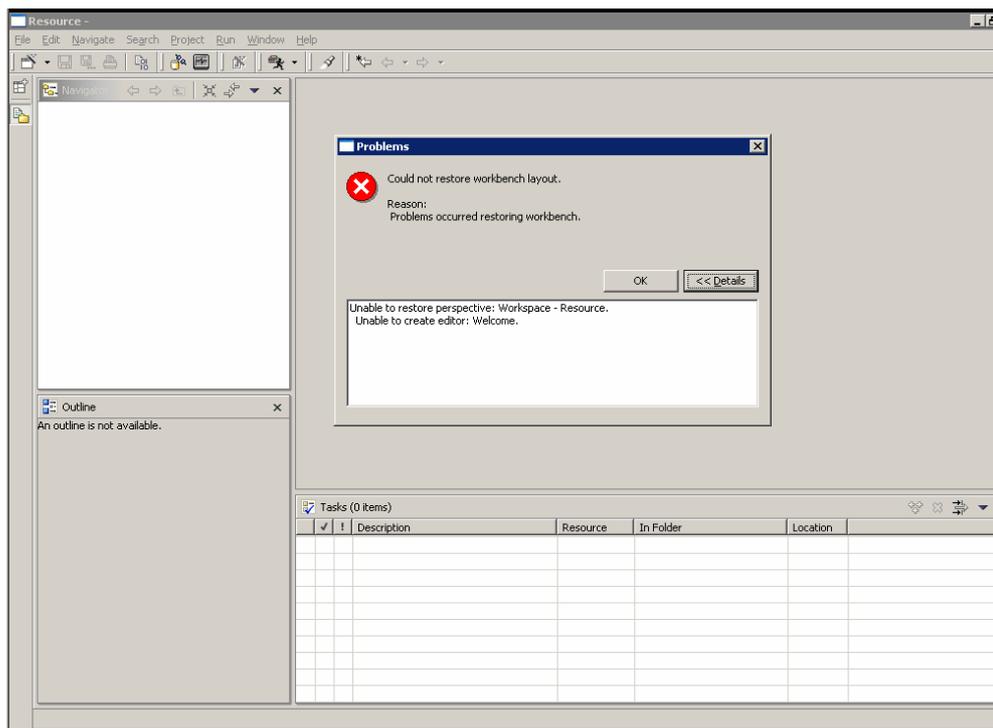


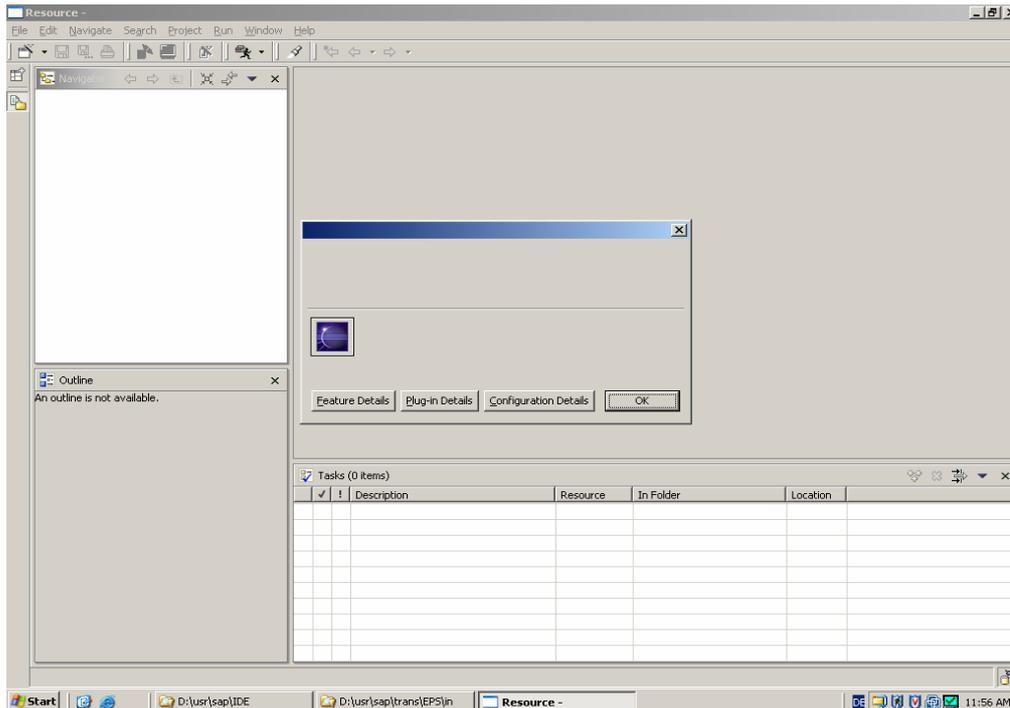
**Step 10:** Select the SAP NetWeaver Developer Studio icon from the desktop. When you start SAP NetWeaver Developer Studio for the first time AFTER you upgraded from SPS06 to SPS09 via IDE70setup.exe, you will get the following error message (see also SAP note 987509 - Update of NWDS causes problems) or a message indicating “Please wait ... Completing the install.”

**Could not restore workbench layout.  
Reason:  
Problems occurred restoring workbench.**



When you select OK, your SAP NetWeaver Developer Studio Welcome screen is missing, and when you select Help from the toolbar, About SAP NetWeaver Developer Studio the screen appears empty (see figures depicted below).

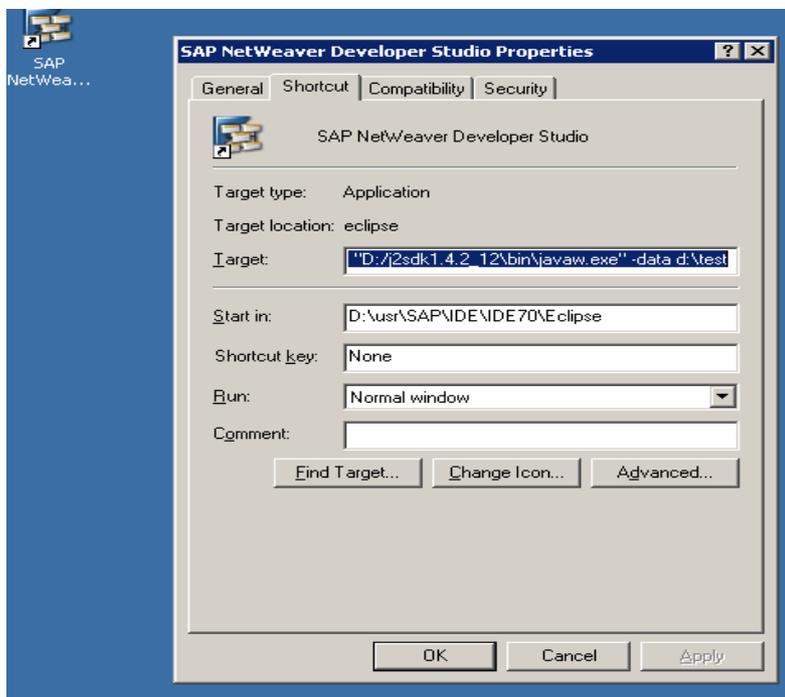




**Step 13:** Exit the SAP NetWeaver Developer Studio and copy the SAP NetWeaver Developer Studio icon as a new shortcut on your desktop.

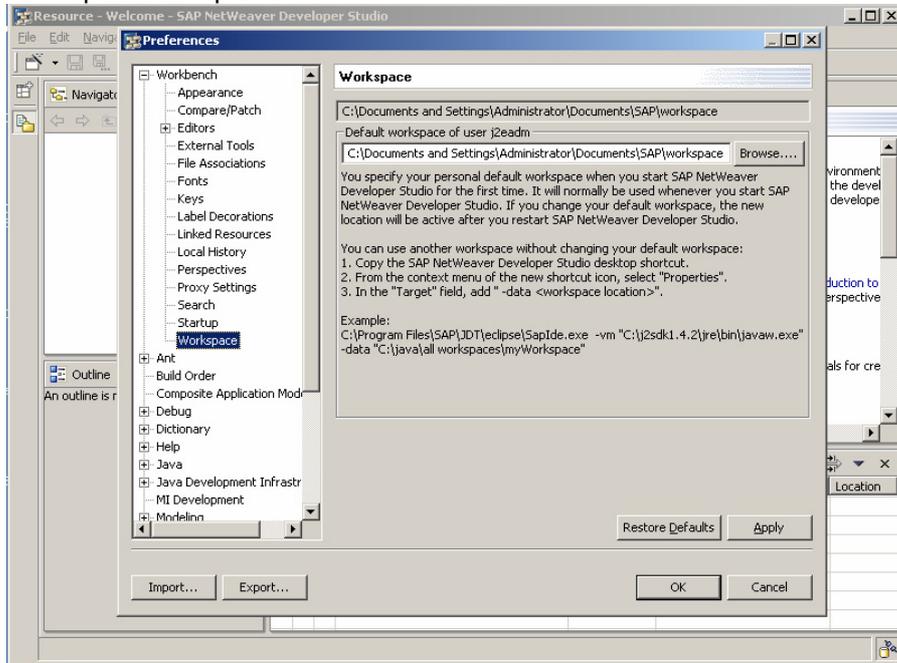
For example, copy, create new shortcut. Check for the new shortcut the properties, and in the Target section, add, for example, after .....javaw.exe" -data d:\test

The parameter -data d:\test is then a new location for your eclipse workspace.



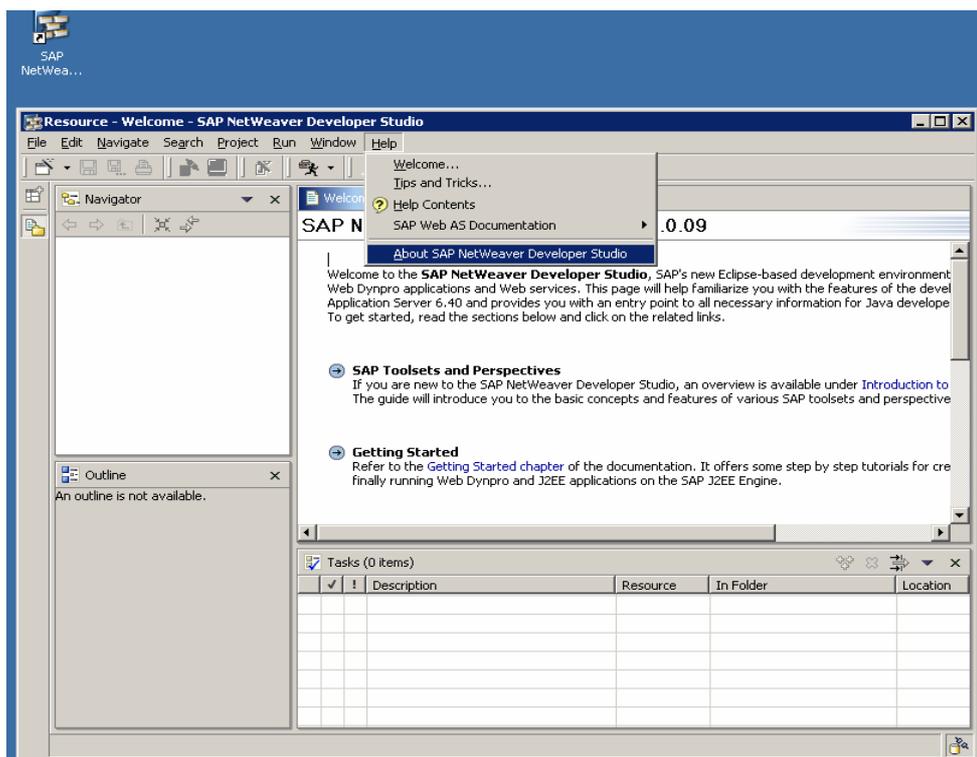
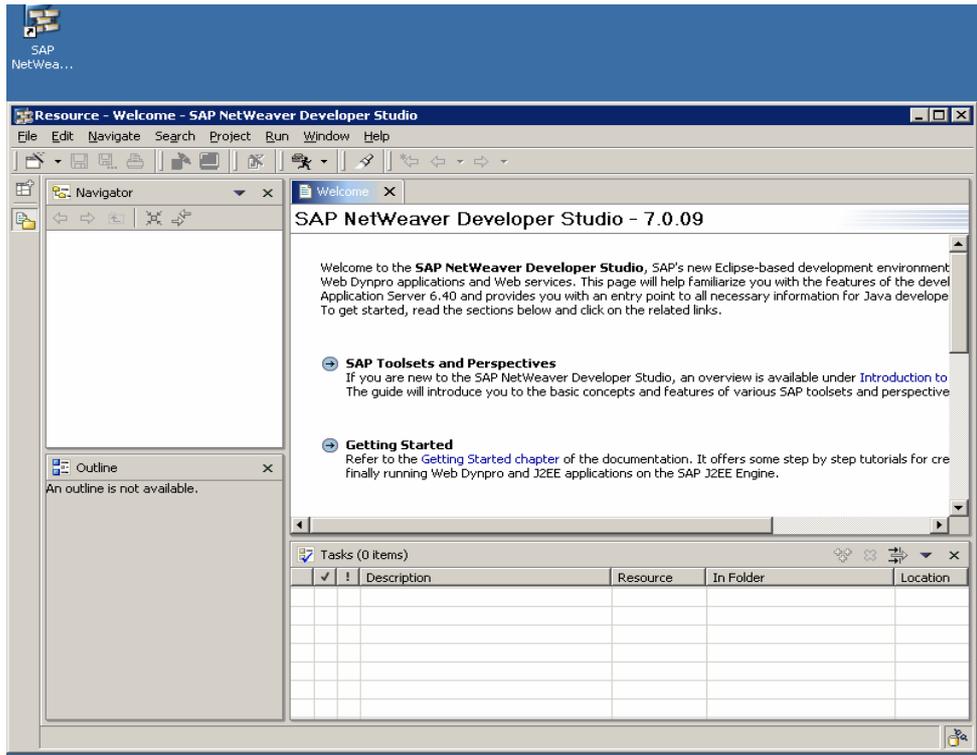
An alternative can be to start the Developer Studio with a new empty workspace renaming the file system folder containing the existing workspace.

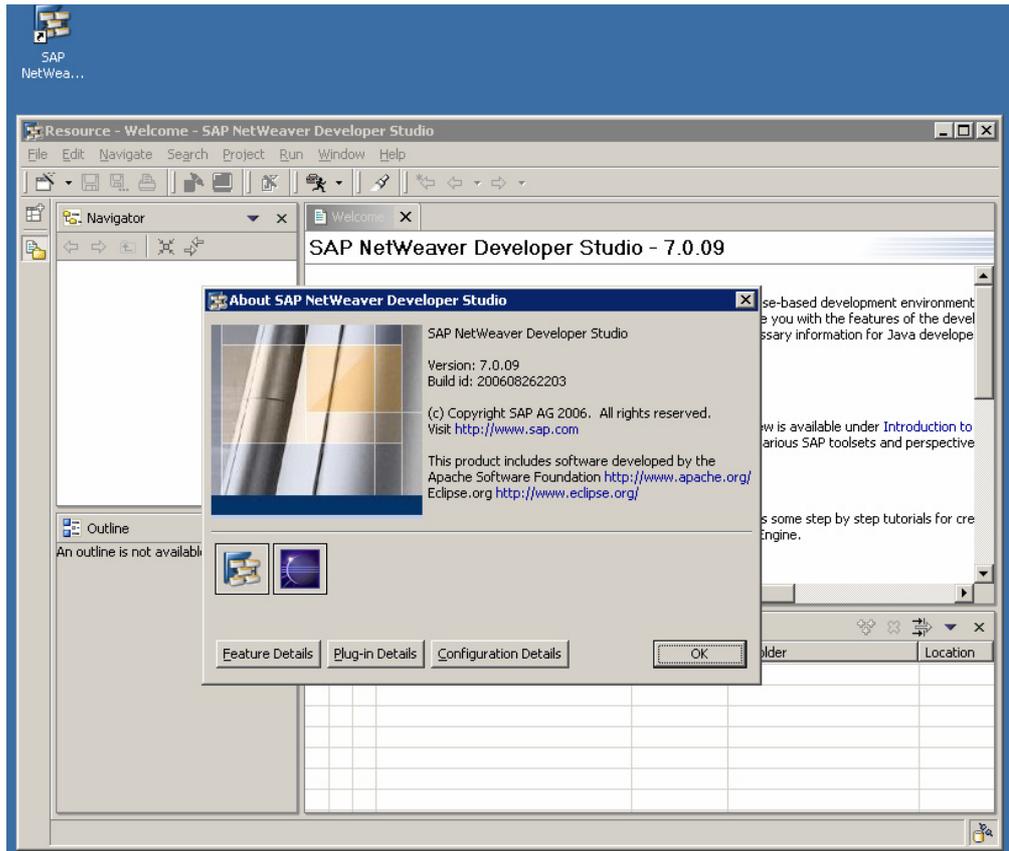
By default the workspace is located under %USERPROFILE%\Documents\SAP\workspace. The exact location of the workspace is also listed under Window -> Preferences -> Workbench -> Workspace as depicted below.



**Step 14:** After making the above mentioned changes, your SAP NetWeaver Developer Studio should start normally again as depicted below.







Now go on and read **SAP NetWeaver Developer Workplace SR1 (SPS06) – part 5 (JSPM SPS06 to SPS09)**

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