

Track Creation in Java Development Infrastructure



Applies to:

Entire SAP NetWeaver platform on which JDI (Java Development Infrastructure) is configured.

For more information, visit the [Portal and Collaboration homepage](#).

Summary

At the time of creation of tracks I was facing some difficulties because I didn't had a straight forward document which exclusively hits only Track creation, so this is my effort to write an article on Track Creation for the community to follow it and can be through with Track Creation in couple of minutes.

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Author Bio



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Table of Contents

Creation of Product, S/w Unit and S/w Component.	3
Related Content.....	11
Disclaimer and Liability Notice.....	12

Creation of Product, S/w Unit and S/w Component.

If JDI is installed properly by accessing this link it will open the following under mentioned page.

<http://<host name>:<port>/devinf>



Design Time Repository

The DTR provides central file and folder based storage of source code, version histories and concurrent work on resources. It enables effective teamwork among developers distributed over different locations.

Component Build Service

The CBS builds components and their dependents on demand and provides ready-to-use libraries and deployables for developers and runtime systems.

Change Management Service

The CMS offers a predefined change management process with different release steps to control the software flow through the landscape. It supports automated deployment of build results onto central test servers and into production.

System Landscape Directory

The SAP System Landscape Directory (SLD) maintains information about all installable and installed elements of your system landscape.

System Messages

The System Messages page allows you to create messages that are displayed in the SAP NetWeaver Developer Studio upon log on to the Development Infrastructure.

CMS Track Authority

Track-specific authorizations enable you to restrict access to individual tracks for groups and users.

Documentation

In the online help you find information on Working with the Development Infrastructure.

Release Notes

Please check the Release Notes for latest changes in NWDI.

► [Show Tracklist](#)

Now Click on System Landscape Directory and create Product.

Enter Required Inputs for product in this screen.

After entering Name, Vendor and Version for Product. Click on Create..

Product is created now it will ask for name of Software Unit.

The screenshot shows the SAP NetWeaver System Landscape Directory interface. At the top, there is a navigation bar with links for Home, Administration, Log Off, Help, and About. Below the navigation bar, there is a message icon and the text 'Created: .'. The main content area is titled 'Add New Non-SAP Software Unit' and contains a form with the following fields: Product, Vendor, Version, and Name (marked with an asterisk). Each field has a corresponding input box. Below the form, there are two buttons: 'Create' and 'Cancel'.

Specify name and click on Create.

S/w Unit is created now it will ask inputs for S/w Components.

The screenshot shows the SAP NetWeaver System Landscape Directory interface. At the top, there is a navigation bar with links for Home, Administration, Log Off, Help, and About. Below the navigation bar, there is a message icon and the text 'Created:'. The main content area is titled 'Add Software Component to Non-SAP Product' and contains a form with the following fields: Product (marked with an asterisk), Unit (marked with an asterisk), Vendor (marked with an asterisk), Name (marked with an asterisk), Version (marked with an asterisk), and Production State. Each field has a corresponding input box or dropdown menu. The 'Unit' field has a 'Create New Unit' button next to it. Below the form, there are two buttons: 'Create' and 'Cancel'.

Provide all the necessary inputs for S/w Components and keep Production State as released.

Click on create.

Now you can see your Software Component on SLD Home page.

SAP NetWeaver™ System Landscape Directory

Home Administration Log Off Help About

Software Catalog

Software Type: Software Components (7022) Filter: Go

New Software Component Version Remove Export Refresh

Software Component	Version	Vendor
FORMS INFRASTRUCTURE	FORMS INFRASTRUCTURE 7.20	sap.com
FORUMS	FORUMS 6.40	sap.com
FORUMS	FORUMS 7.00	sap.com
FORUMS	FORUMS 7.01	sap.com

Row 2296 of 7022

FMR_SC , 1.0 of com.til

General Products Dependencies Support Packages Release Compatibility Release History Installed Systems

Vendor:
Name:
Version:
Production State: released
Type:

Now select your Software Component and click on the Dependencies tab in the lower half of screen. Select Build Time as Context and click on Define Prerequisite Software Components Versions

General Products Dependencies Support Packages Release Compatibility Release History Installed Systems

Context: BuildTime

Define Prerequisite Software Component Versions Remove

Prerequisite Software Component Versions	Dependent Software Component Versions
CAF EU 7.00	
DI BUILD TOOL 7.00	
SAP J2EE ENGINE 7.00	
SAP JAVA TECH SERVICES 7.00	

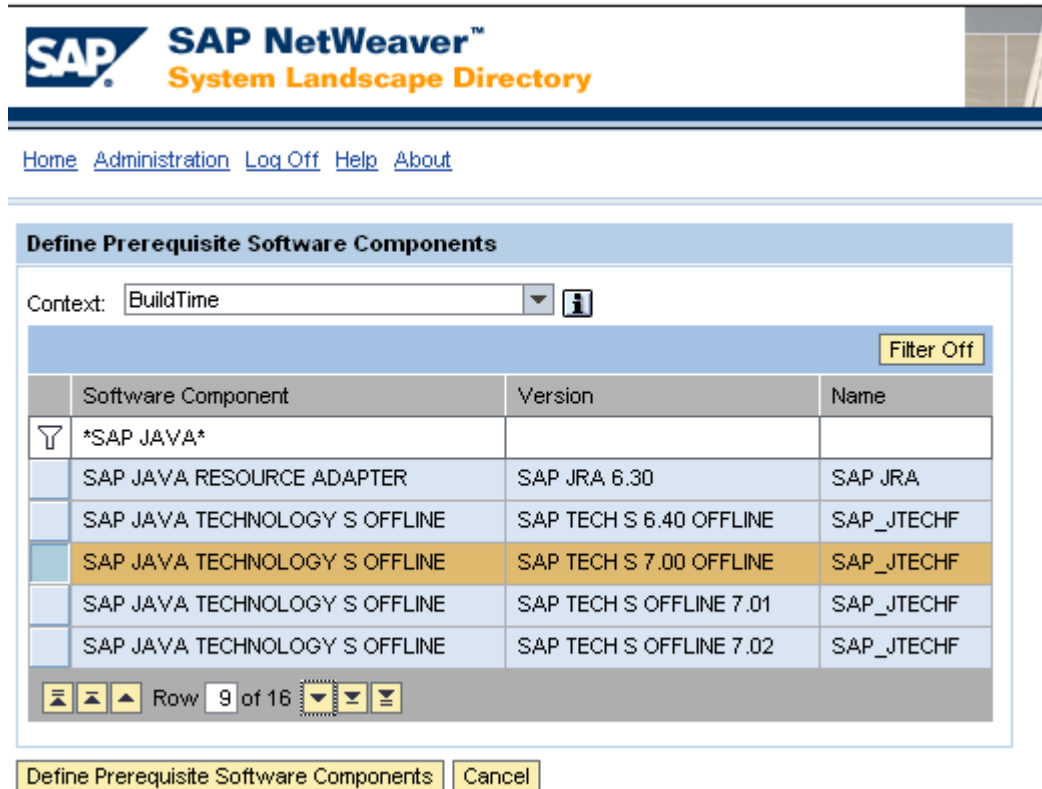
Row 1 of 4

Row 0 of 0

Now on next page search for three basic dependencies those are.

- ✓ SAP J2EE ENGINE 7.00
- ✓ DI BUILD TOOL 7.00
- ✓ SAP JAVA TECH SERVICES 7.00

This is screen shot for SAP JAVA TECH SERVICES 7.00



SAP NetWeaver™
System Landscape Directory

Home Administration Log Off Help About

Define Prerequisite Software Components

Context: BuildTime ⓘ

Filter Off

	Software Component	Version	Name
☰	*SAP JAVA*		
	SAP JAVA RESOURCE ADAPTER	SAP JRA 6.30	SAP_JRA
	SAP JAVA TECHNOLOGY S OFFLINE	SAP TECH S 6.40 OFFLINE	SAP_JTECHF
	SAP JAVA TECHNOLOGY S OFFLINE	SAP TECH S 7.00 OFFLINE	SAP_JTECHF
	SAP JAVA TECHNOLOGY S OFFLINE	SAP TECH S OFFLINE 7.01	SAP_JTECHF
	SAP JAVA TECHNOLOGY S OFFLINE	SAP TECH S OFFLINE 7.02	SAP_JTECHF

Row 9 of 16

Define Prerequisite Software Components Cancel

Repeat the same process for the other two steps also search word will be *DI* for DI BUILD TOOL 7.0

SAP J2e for SAP JAVA TECH SERVICES 7.00

Domain Configuration and Track Creation

Click on Change Management Service on devinf page



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Now navigate to Landscape Configurator and click on Domain Data.

Enter all the required inputs in the screen below Click on Save and Update CMS.

Update CMS is very important step do not forget it.

Domain Data [Track Data](#) [Track Connections](#)

Display Save Update CMS

Domain Data

Change Management Service Server

CMS Name: *

CMS Description:

CMS URL: *

CMS User: *

CMS Password: *

Transport Directory: *

Domain

Domain ID: *

Domain Name: *

Domain Description:

External Servers

SLD URL: *

Related Content

<https://www.sdn.sap.com/irj/sdn/index>

<http://help.sap.com/nw04/>

For more information, visit the [Portal and Collaboration homepage](#).

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