**MII Project Building and Deploying**

**Applies to:**
SAP Manufacturing Integration & Intelligence (MII) - v12.1.x and greater. For more information, visit the [Manufacturing homepage](#).

**Summary**
This paper outlines the steps necessary to build and deploy an MII project that exists within NWDI.

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**Created on:** 8 January 2010

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Jamie Cawley has worked for Lighthammer Software since September 2004 supporting and doing application development for the Lighthammer CMS product. Since the SAP acquisition of Lighthammer in July 2005 Jamie has become a Solution Architect for SAP MII
Table of Contents

Prerequisites ........................................................................................................................................... 3
CMS Configuration ................................................................................................................................. 3
    NWDS Configuration .......................................................................................................................... 4
    System Landscape Directory ........................................................................................................... 4
    Development Configuration ............................................................................................................... 5
Activating Changes ................................................................................................................................. 5
    Within MII ......................................................................................................................................... 5
    Within NWDS ................................................................................................................................... 5
Building the Project ................................................................................................................................. 5
Deployment ............................................................................................................................................... 6
Related Contents ....................................................................................................................................... 7
Copyright .................................................................................................................................................. 8
Prerequisites

CMS Configuration

To build the MII project sda, it is required that the following sca’s are imported into the track

- MIIBuildt.sca
- XMII.sca
- SAPBuildt.sca

This can be achieved by performing the following steps:

2. Select the appropriate track
3. Select the “Check-In” tab – if you don’t have the three sca’s in the list then you need to place them in the inbox folder of CMS which should be /usr\sap\trans\EPS\in\CMS<server><sid>\CMS\inbox

   NOTE: If the sca’s do not appear in the list under the “Check-In” tab you may not have the Software Components assigned to the track. This can be accomplished within CMS by selecting “Landscape Configurator”, the appropriate track and the “Track Data” tab. Use the “Add SC” button to add the “MII_CUSTOM” component and then use the “Define Dependencies” button to add the three sca’s.

4. Select the sca’s and then click the “Check-In” button
5. Select the Development tab and import each of the sca’s
NWDS Configuration

System Landscape Directory

The System Landscape Directory (SLD) needs to be set in Netweaver Developer Studio (NWDS) to pull down the track configurations

1. Open NWDS and select the menu Window – Preferences

2. Select Development Infrastructure – Landscape Directory

3. Enter the URL to the SLD
Development Configuration

Most of the activities will be performed in the Development Infrastructure Perspective.

1. Open the perspective by selecting the menu Window – Open Perspective – Development Infrastructure

2. In Component Browser right click and select New – Development Configuration – Import From System Landscape Directory (SLD) – Next

3. Choose the desired Development Configuration – Next – Finish

Activating Changes

This can be done within MII or with Developer Studio and only the activated activities will be built.

**Within MII**

1. Open the workbench and log into Source Control

2. Select the menu Source Control – Activation View and activate the desired activities

   **NOTE**: If the Activation View is not available open the MII menu and navigate to the NWDI Configuration and select the “Extended” checkbox, Save and reopen the workbench.

3. Activities can also be activated by checking the “Activate” checkbox when checking them in.

**Within NWDS**

1. When in Development Infrastructure perspective select the menu Window – Show View – Activation View

2. Select the Menu of the tab and select User Filter – All Users

3. Right click on the desired activity and select activate

Building the Project

The building of the Project is performed in NWDS.

1. Navigate down to the appropriate Compartment and select your project

2. Right click on the project and select Sync/Create Project – Create Project

3. On the Sync Sources and Used DCs – Select the needed DCs and xapps/mii/bp and click OK.

4. Right click on the project and select Refresh – the folder structure should appear

5. Right click on the project and select Build

   - Building will create the sda and place it within the output directory of your workspace. This location can be found in the build.log which can be opened within the DC – sources – gen – defaults - logs

   cda] [jarsap] Building: C:\Users\i808608\workspace.jdi/5t2/CE3CC25719A0B7CA5A1DB04CAAE45B00/default\deploy\sap.com~tmp~jcd\deploy.sda with compression
Deployment

The system to receive the deployment must be configured in the NWDS menu Window – Preference – SAP AS Java.

1. Select the menu Window – Open Perspective – Deployment

2. In the Deploy View window right click “External Deployable Archives” and add the sda

3. Right click on the sda and select Deploy

4. Open the deployed project within the workbench and verify its correctness

5. Perform any necessary customizations to finalize the deployment
Related Contents
For more information, visit the Manufacturing homepage.