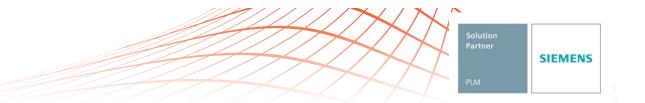


Over-the-Web (OTW)

Best Practices

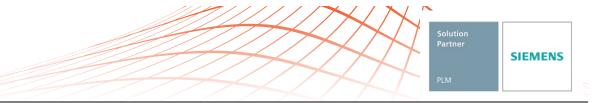




Best Practices

- Run RMI and Distribution Server as services
- Define Port Numbers
 - RMI Port 12099 (Default 12099)
 - Remote Object Port 12098 (Default 0)
 - File Transfer Port 12097 (Default 0)
- Give Web Applications a Meaningful Name
 - otwsvr (Default staging_1)
 - otwnx (Default staging_2)
 - otwmso (Default staging_3)





Customize OTW with ICD's

- Leverage OTW to Distribute Your Files
- Handle the Tough Use-Cases Automatically
 - Multi-Client Support
 - Enforce FMS_HOME and Stop Previously Running FCC
 - Status Icons
 - Distribution Option 1: Files Method
 - Distribution Option 2: Plugin Method
 - Globalization
 - Local Delivery
 - Implementing NXcustom
 - Modifying start_nxmanager.bat

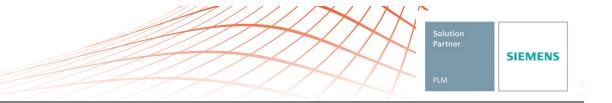




Process Overview

- Server
 - Package Files (JAR)
 - Create a Solution File (ICD)
 - INSWEB
 - Make the Solution Available
 - Copy ICD
 - Make the Package Findable
 - Add the Package Directory
 - Add the Solution
 - Select the Feature
- Client
 - Install the Feature on next Launch





Multi-Client Support

- Customers are beginning to realize the benefit of following standard software development practices by having multiple environments
 - Typically, changes are made in Development (TCDV) before accepted in Test (TCQA) and promoted to Production (TCPD)
 - Adding multi-client support allows them all to run on the same host without interfering with each other.
- Solution Set
 - -acme_general4t.icd





Status Icons

Simple Method

- Solution Set
 - acme_statusicon4t.icd
 - acme_statusicon.jar
 - \images\Acme4_Released.gif
 - customer.properties

Plugin Method

- Solution Set
 - acme_statusplugin4t.icd
 - acme_statusplugin.jar
 - com.acme.plugins_1.0.0.jar



Globalization

- Many companies are leveraging Remote FSC servers in their globalization effort to provide local software delivery and reduce WAN traffic
 - Local software depot
 - Silent installation scripts (TEM)
 - Local NXcustom directory structure
- Install INSWEB
 - Install RMI and Distribution Server as services
 - Create local 4t Rich Application Client solutions
 - Define local FSC, OTW and NX Custom



NX Custom

- Solution Set
 - -acme_nxcustom4t.icd
 - -acme_nxcustom4t.jar
 - \acme\start_nxmanager.bat.template





References

- Installation on Windows Servers Guide
 - -Chapter 9, .NET Web tier installation
 - -Chapter 10, J2EE Web tier installation
 - -Chapter 10, Section 10-41: Run the distribution server as a service
- Client Customization Programmers Guide
 - Chapter 3, Section 3-14: Distributing customizations to four-tier rich clients



Solution Partner SIEMENS

Thank You!

Please contact
Applied CAx for more information on our
Teamcenter services or on the ICDs referenced herein.



6700 North New York Avenue, Ste 231 Portland, OR 97203-2836 800-746-8134 appliedcax.com