

Over-the-Web (OTW)

Best Practices

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- 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

Thank You!

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



Applied **CAx**

We do this every day

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