XPages For Connections

http://www.openntf.org/p/XPages For Connections

Part 5: Feeds via Apache Wink

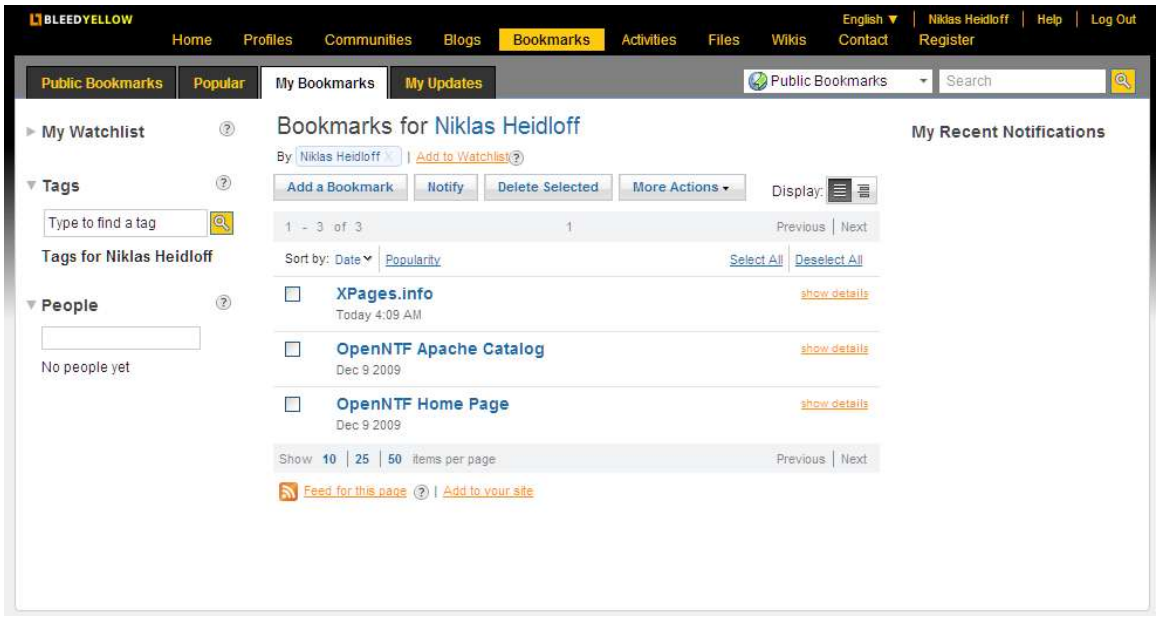
Description

As alternative to client side feed access (part 2 of this project) the Apache Wink project can be used on server side to use the IBM Lotus Connections Atom API. The Wink project can be imported into an NSF and accessed from the server side JavaScript.

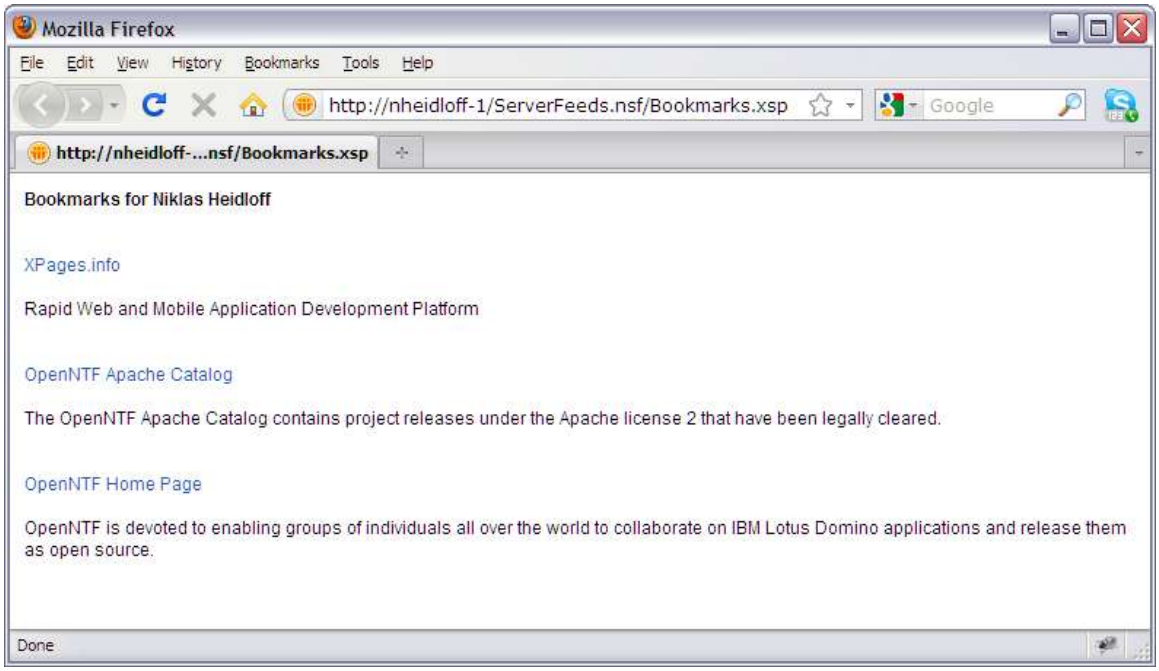
This sample shows how to use custom Java code as input for a xp:repeat control so that all benefits of repeat controls can be used for non Domino data sources.

Learn more about Apache Wink:
http://incubator.apache.org/wink/
http://incubator.apache.org/wink/1.1.2/api/index.html

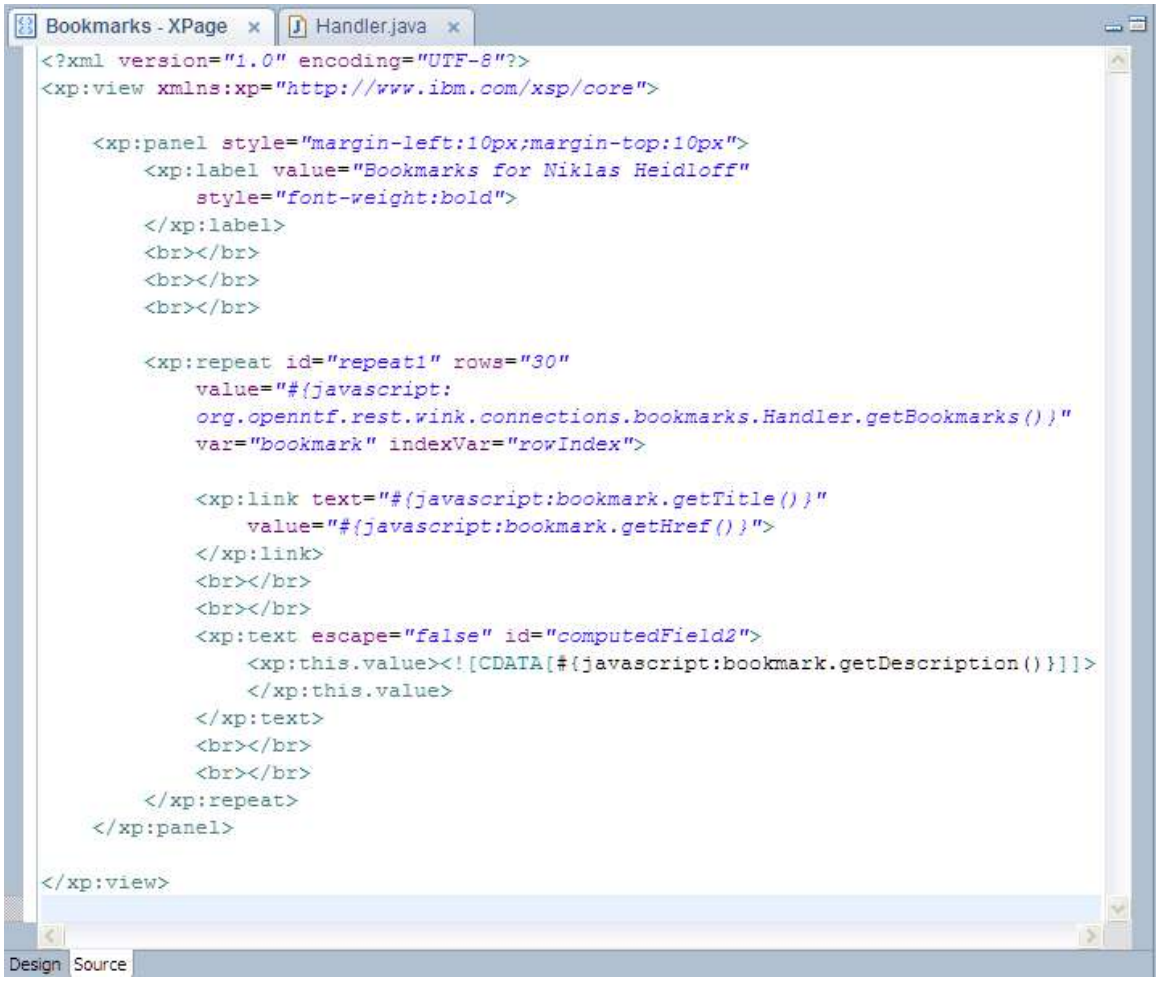
The sample shows how to display bookmarks from a Connections server on an XPages page.



Here is a result sample page:



The XPages code is as simple as follows:

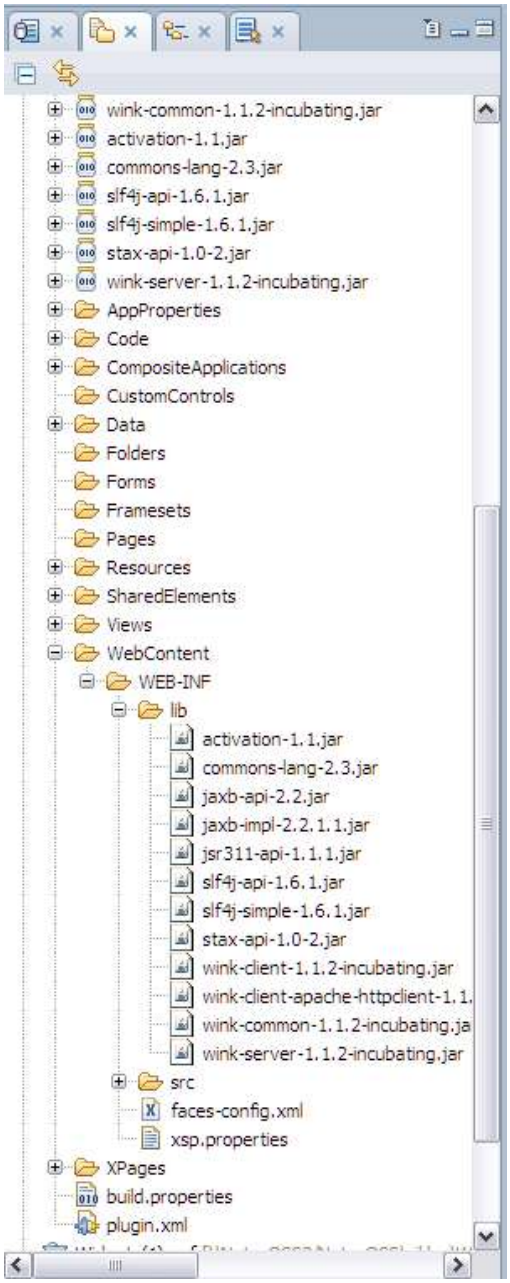


Setup

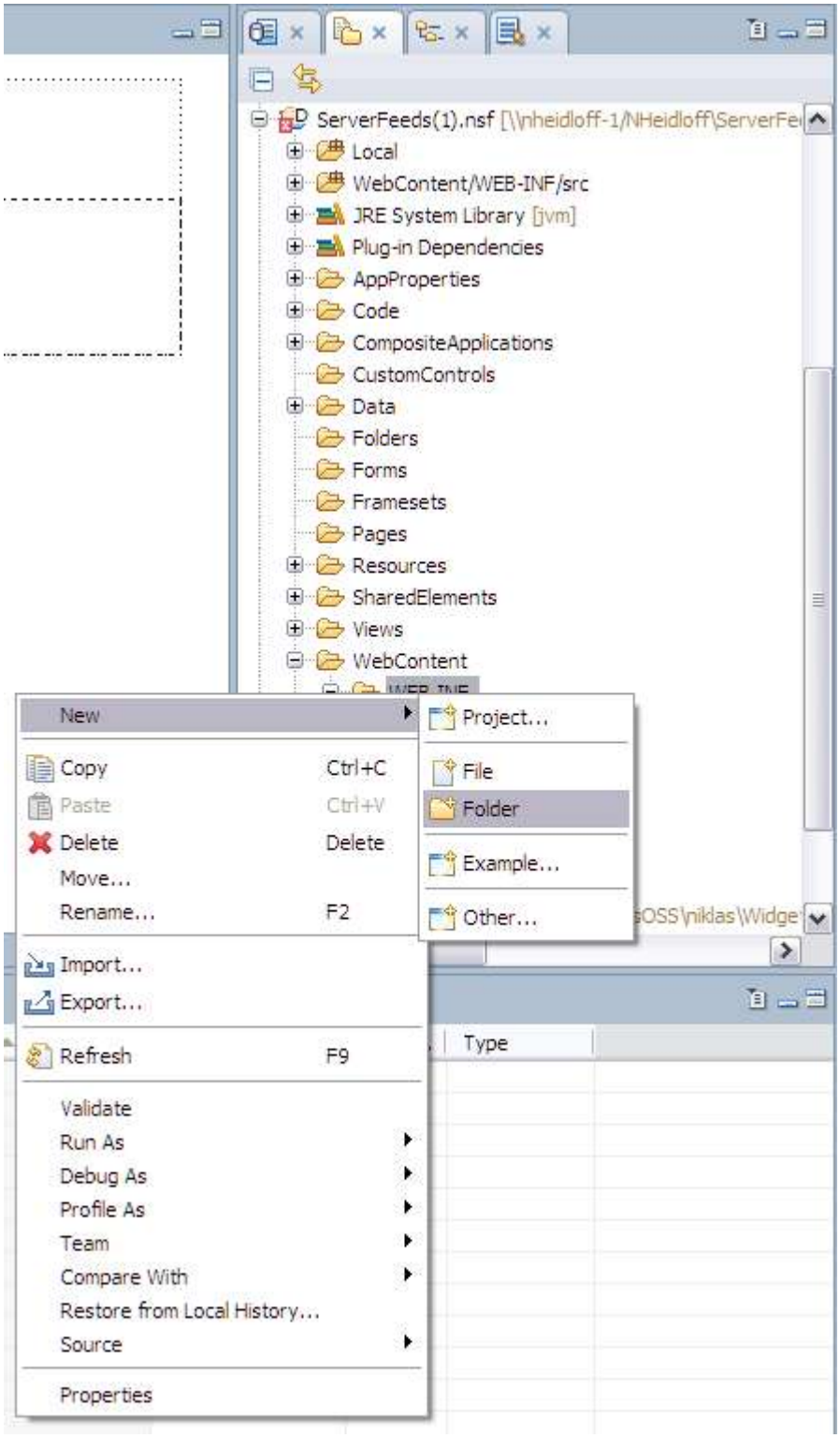
The Apache Wink project needs to be downloaded and imported into the NSF:

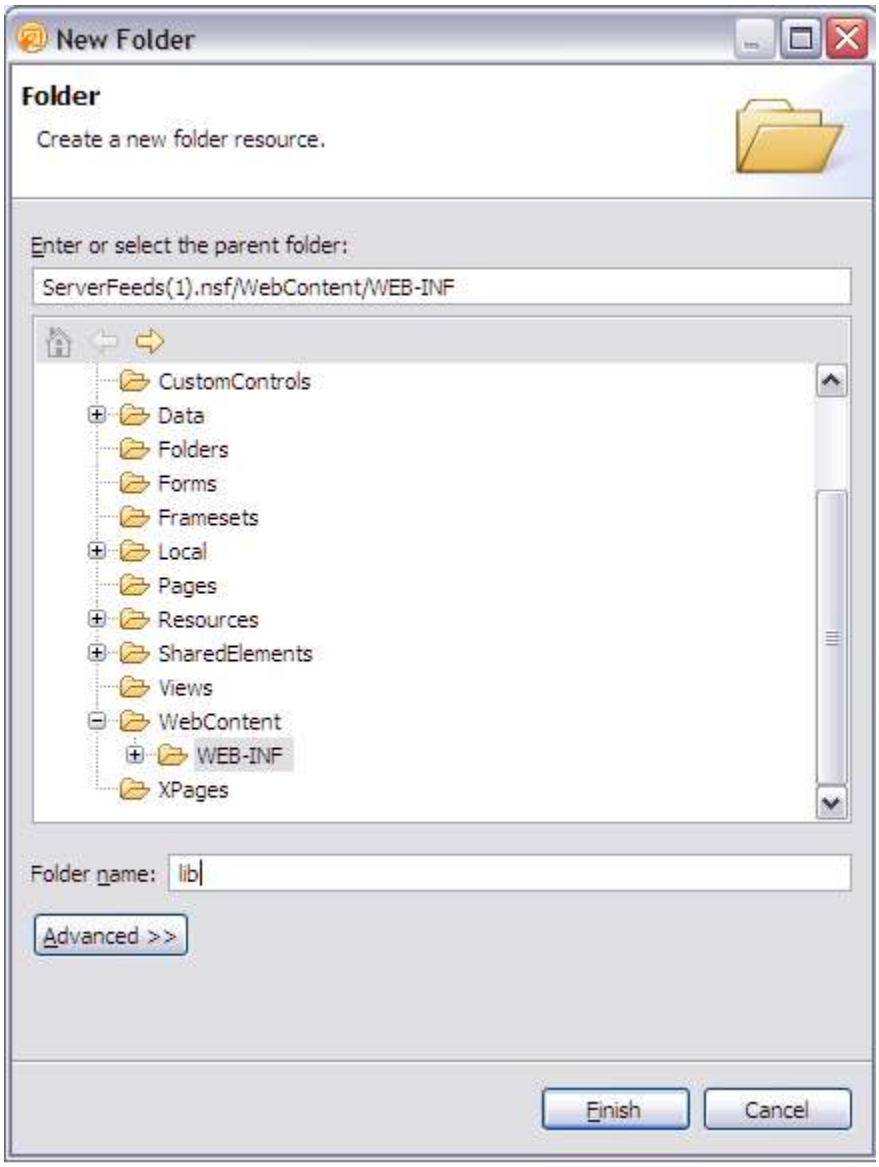
http://www.apache.org/dyn/closer.cgi/incubator/wink/1.1.2-incubating/apache-wink-1.1.2-incubating.zip

After the import it should look like this:

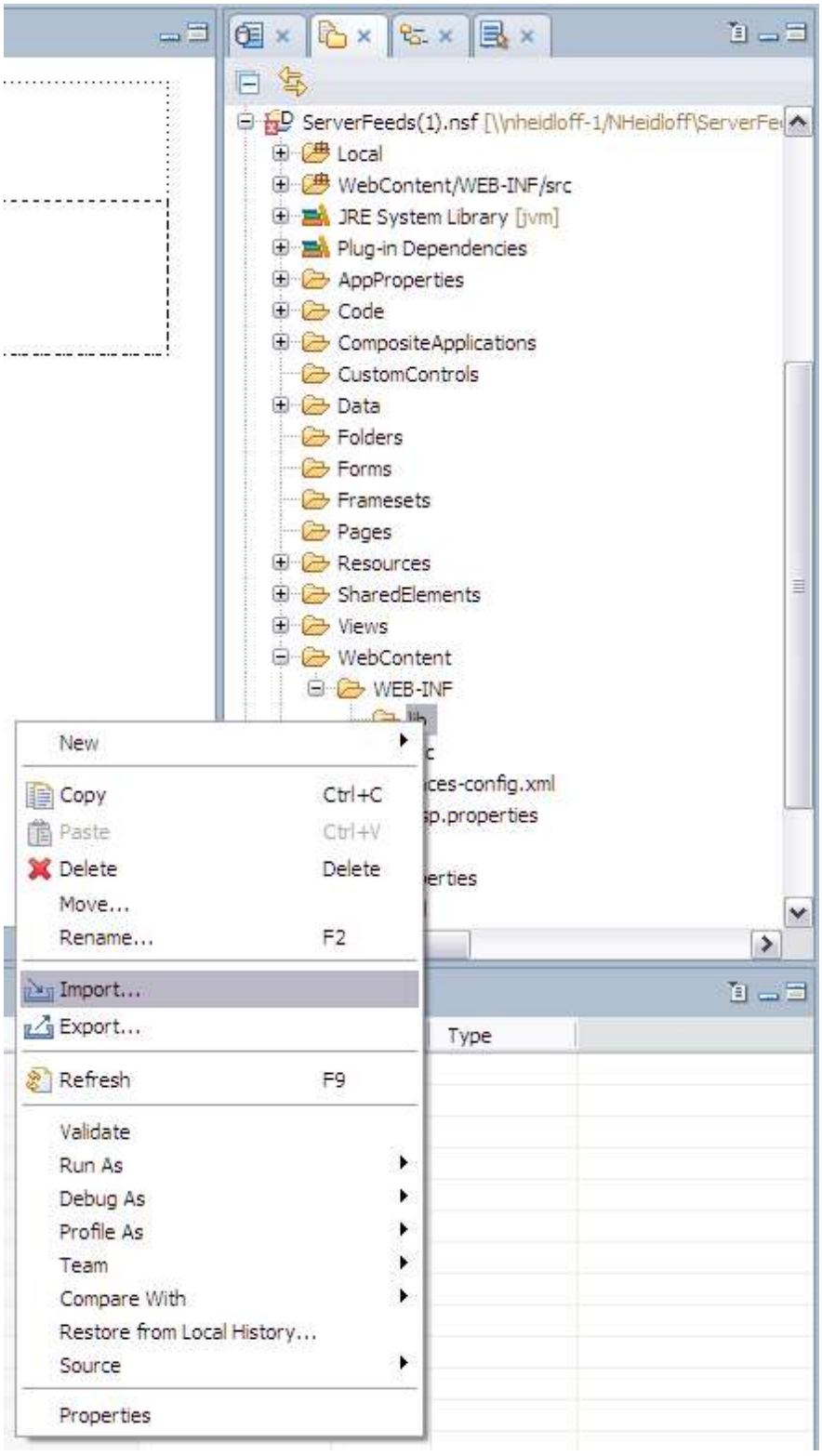


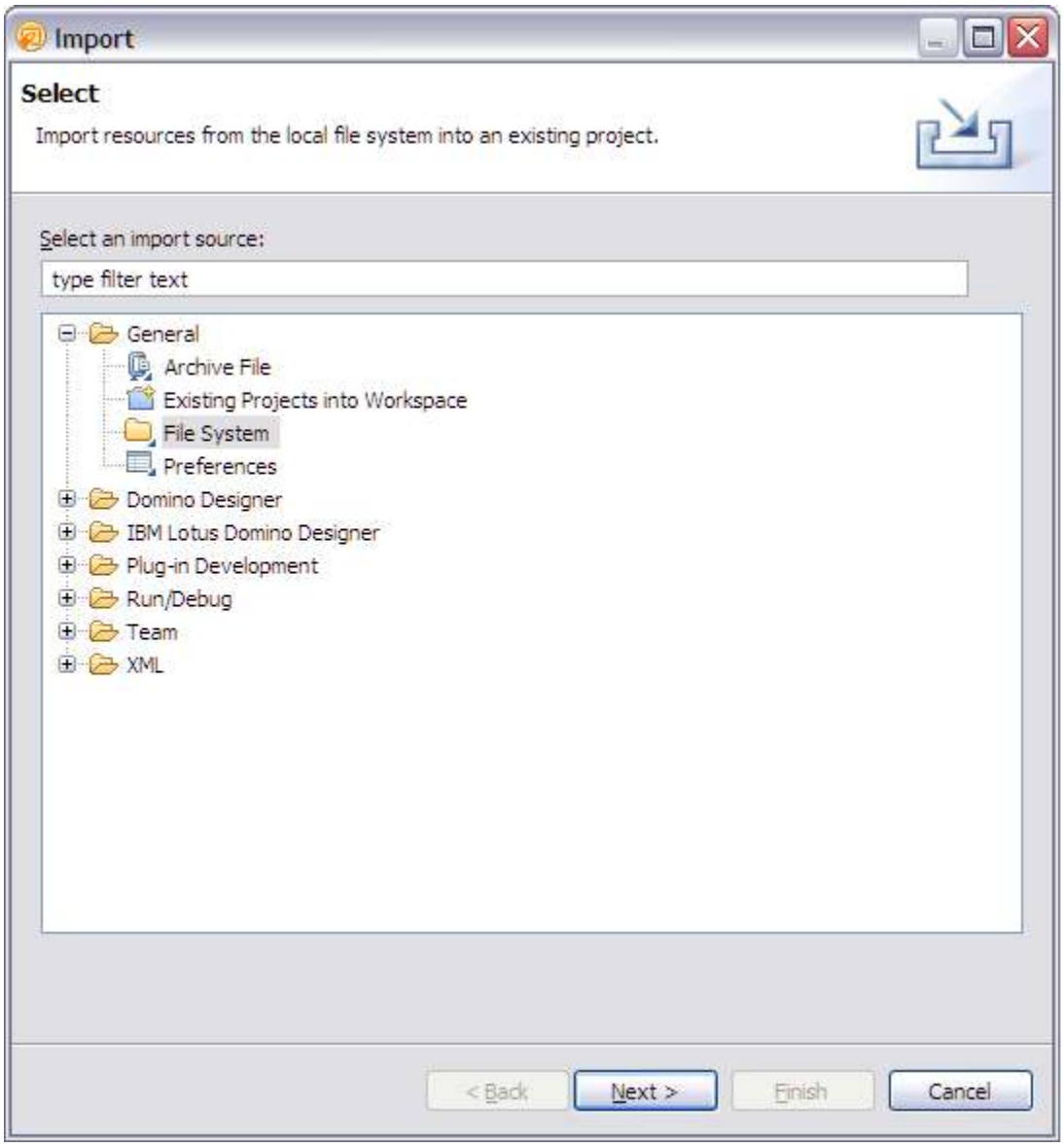
A folder lib needs to be created under the Web-Inf folder:



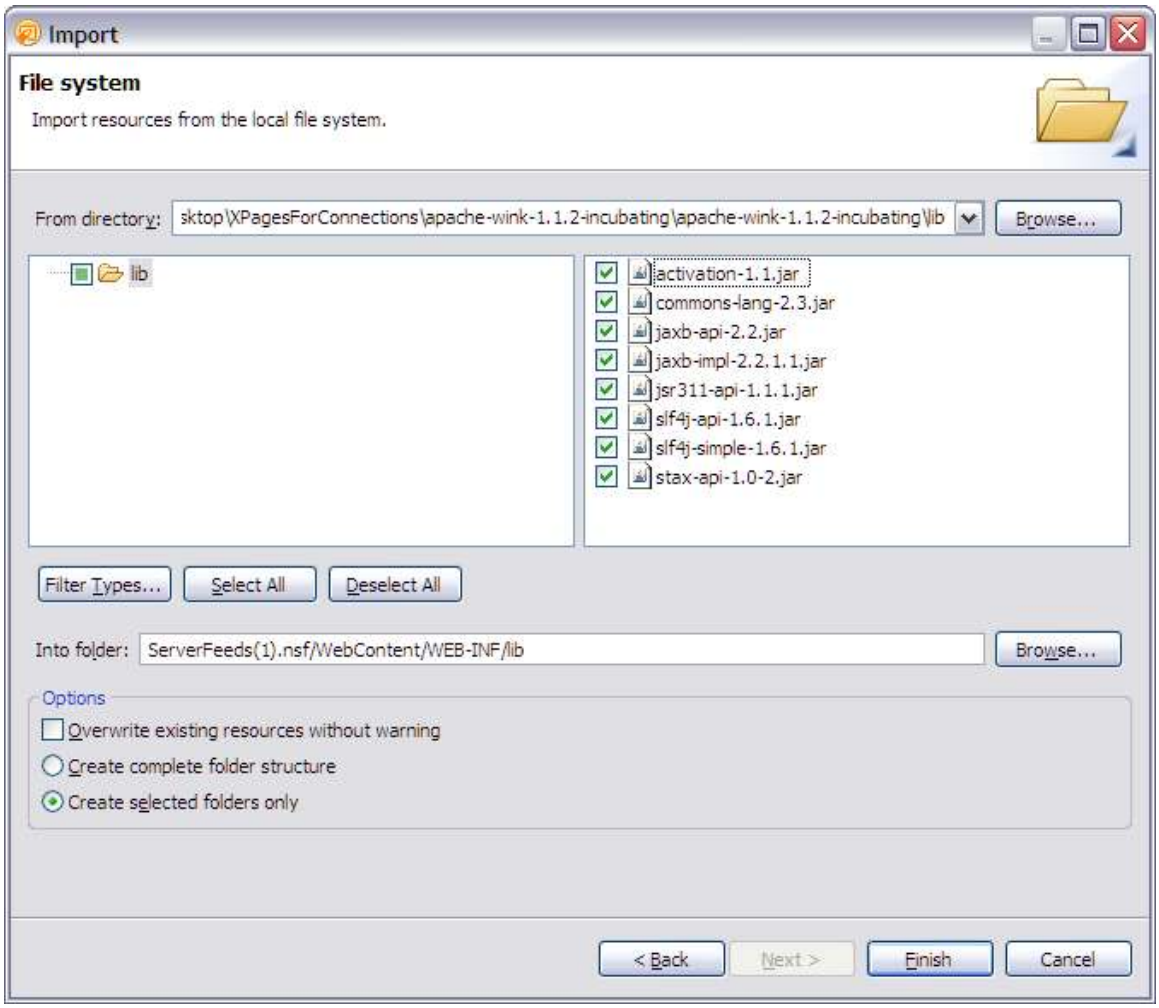

New Folder
Folder
Create a new folder resource.
Enter or select the parent folder:
ServerFeeds(1).nsf/WebContent/WEB-INF
CustomControls
Data
Folders
Forms
Framesets
Local
Pages
Resources
SharedElements
Views
WebContent
WEB-INF
XPages
Folder name: lib
Advanced >>
Finish
Cancel

Next the jar files need to be imported:




Import
Select
Import resources from the local file system into an existing project.
Select an import source:
type filter text
General
Archive File
Existing Projects into Workspace
File System
Preferences
Domino Designer
IBM Lotus Domino Designer
Plug-in Development
Run/Debug
Team
XML
< Back
Next >
Finish
Cancel


Import
File system
Import resources from the local file system.
From directory:
C:\Documents and Settings\Administrator\Desktop\XPagesForConr
Browse...
dist
wink-1.1.2-incubating.jar
wink-client-1.1.2-incubating.jar
wink-common-1.1.2-incubating.jar
wink-server-1.1.2-incubating.jar
Filter Types...
Select All
Deselect All
Into folder:
ServerFeeds(1).nsf/WebContent/WEB-INF/lib
Browse...
Options
Overwrite existing resources without warning
Create complete folder structure
Create selected folders only
< Back
Next >
Finish
Cancel


Import
File system
Import resources from the local file system.
From directory:
sktop\XPagesForConnections\apache-wink-1.1.2-incubating\apache-wink-1.1.2-incubating\lib
Browse...
lib
activation-1.1.jar
commons-lang-2.3.jar
jaxb-api-2.2.jar
jaxb-impl-2.2.1.1.jar
jsr311-api-1.1.1.jar
slf4j-api-1.6.1.jar
slf4j-simple-1.6.1.jar
stax-api-1.0-2.jar
Filter Types...
Select All
Deselect All
Into folder:
ServerFeeds(1).nsf/WebContent/WEB-INF/lib
Browse...
Options
Overwrite existing resources without warning
Create complete folder structure
Create selected folders only
< Back
Next >
Finish
Cancel