OpenNTF Project:  
Simple Samples for XPages Extensibility

http://www.openntf.org/internal/home.nsf/project.xsp?name=Simple%20Samples%20for%20XPages%20Extensibility

License: Apache License v2  
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Description

This project contains a very simple sample for an XPages control which has been implemented in two different ways:  
1. As JavaScript control deployed in a NSF/NTF  
2. As Java control deployed globally to Domino and Domino Designer  

Additionally the project contains two simple actions:  
1. Client side: Open URL  
2. Server side: Send Redirect

Furthermore it contains a sample showing how to customize a request so that a certain stylesheet resource is always embedded automatically for different user agents.
Controls

This project contains a very simple sample for an XPages control which has been implemented in two different ways:
As JavaScript control deployed in a NSF/NTF
As Java control deployed globally to Domino and Domino Designer

The control encapsulates the Dojo control dijit.dialog – see here: http://docs.dojocampus.org/dijit/Dialog

Here is a screenshot:
The NSF control can be used in a XPages page like this:
The Java control can be used in a XPages page like this:
**Setup Controls**

In order to run the two test XPages pages copy the NSF 'DijitDialog.nsf' in your Domino data directory and invoke them via:

http://nheidloff-1/DijitDialog.nsf/TestDatabaseControl.xsp
http://nheidloff-1/DijitDialog.nsf/TestGlobalControl.xsp

The JavaScript control will work right away.

For the Java control you have to deploy the feature to 1. the Domino server and 2. to your Domino Designer.

In order to install the feature in Domino copy the following file in the plugin directory and then restart the server:

plugins: org.openntf.xsp.simpleSamples_1.0.0.xxxxxxxxxx.jar
In order to install the plugin (via the feature) in Domino Designer follow these steps:

Make sure 'Enable Eclipse plug-in install' is checked.
Invoke update UI via File-Application-Install:
Choose folder location and point to the updateSite directory within the zip file.

Then follow the remaining steps and restart Designer.
After the restart the control should show up in the palette:

![Diagram of palette showing control]

If you want to modify the sources please see here how you can set up your development environment: [http://www-10.lotus.com/ldd/ddwiki.nsf/dx/Master_Table_of_Contents_for_XPages_Extensibility_APIs_Developer_Guide](http://www-10.lotus.com/ldd/ddwiki.nsf/dx/Master_Table_of_Contents_for_XPages_Extensibility_APIs_Developer_Guide)

Please note that this sample is not about showing how to use forms in dialogs, but simply to show how to build the same JavaScript NSF control as global Java control.
Actions

This project contains two simple actions:
Client side: Open URL
Server side: Send Redirect

The Open URL action executes simply a window.location=xxx JavaScript call client side.
The Send Redirect action sends a redirect to another URL.

```
         xmlns:xp_2="http://www.openntf.org/xsp/simpleSamples">

  <xp:this.beforeRenderResponse>
  </xp:this.beforeRenderResponse>

</xp:view>
```
Setup Actions

The library needs to be deployed to Domino and Domino Designer – see above.

Additionally the library needs to be selected in the application properties:
### Request Customizer

The extensibility API allows customizing page requests. This allows for example loading certain resources like stylesheets automatically based on the user agent.

The video describes how the sample has been implemented: [http://www.youtube.com/watch?v=SLJKCUF_e64](http://www.youtube.com/watch?v=SLJKCUF_e64)

The simple sample shows how to use different stylesheets for Firefox and Internet Explorer.

![Sample code for Request Customizer](image-url)