

Mobile XPage Controls

License: Apache License v2
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Platform: Lotus Domino 8.5.1, Webkit browsers, Firefox 3.6, Apple Safari 4.0.4
Version: 0.1.2

Description

This project contains two main parts:

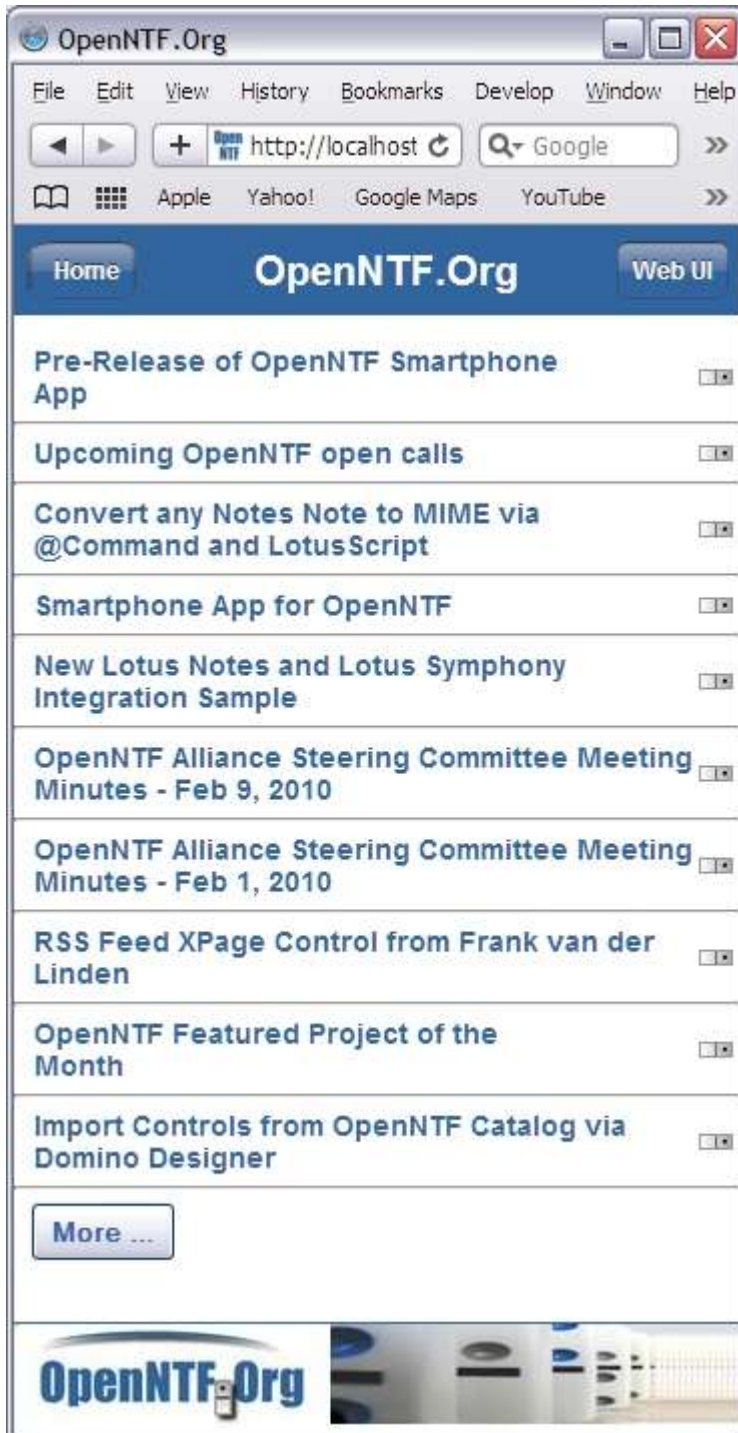
1. Login control for mobile apps (using Lotus iNotes Ultralite)
2. Very simple sample app for webkit based smartphone devices. The main thing that is demonstrated is the ability to use Ajax to do 1. view paging and 2. opening documents. No browser refresh is done. The sample also shows various other smaller things like a stylesheets that looks similar to native apps and how to hide the address bar.

Technically the # is used in the URLs to to be able to Ajax and no browser refreshes but at the same time keep bookmarks. In order to keep browser navigation via back and forward the Dojo 1.4 class dojo.hash is used and pulled from <http://o.aolcdn.com/dojo/1.4/dojo/hash.js>.

For the view paging HTTP requests are done in this format: `http://.../All?ReadViewEntries&Start=5&Count=5&OutputFormat=JSON`

In order to run the sample copy the NSF into your Notes data directory, open it in Designer, select the XPage 'm' and choose 'Design-Preview in Safari Apple'.

Screenshots



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New Lotus Notes and Lotus Symphony Integration Sample


Da Li Liu has contributed a new sample to OpenNTF showing how to integrate Lotus Notes and Lotus Symphony.

Here is the [catalog entry](#), here the [direct download link](#) and here the [documentation](#).

The new project contains a tutorial from Lotusphere 2010. Learn how to build a simple purchase order workflow application with Lotus Notes and Symphony:

1. One way (using MD5 signature) to do digital signature about attachment in notes document
2. How to use the Symphony Lotusscript API to get/set document content
3. How to insert a graphic into current document

Niklas Heidloff



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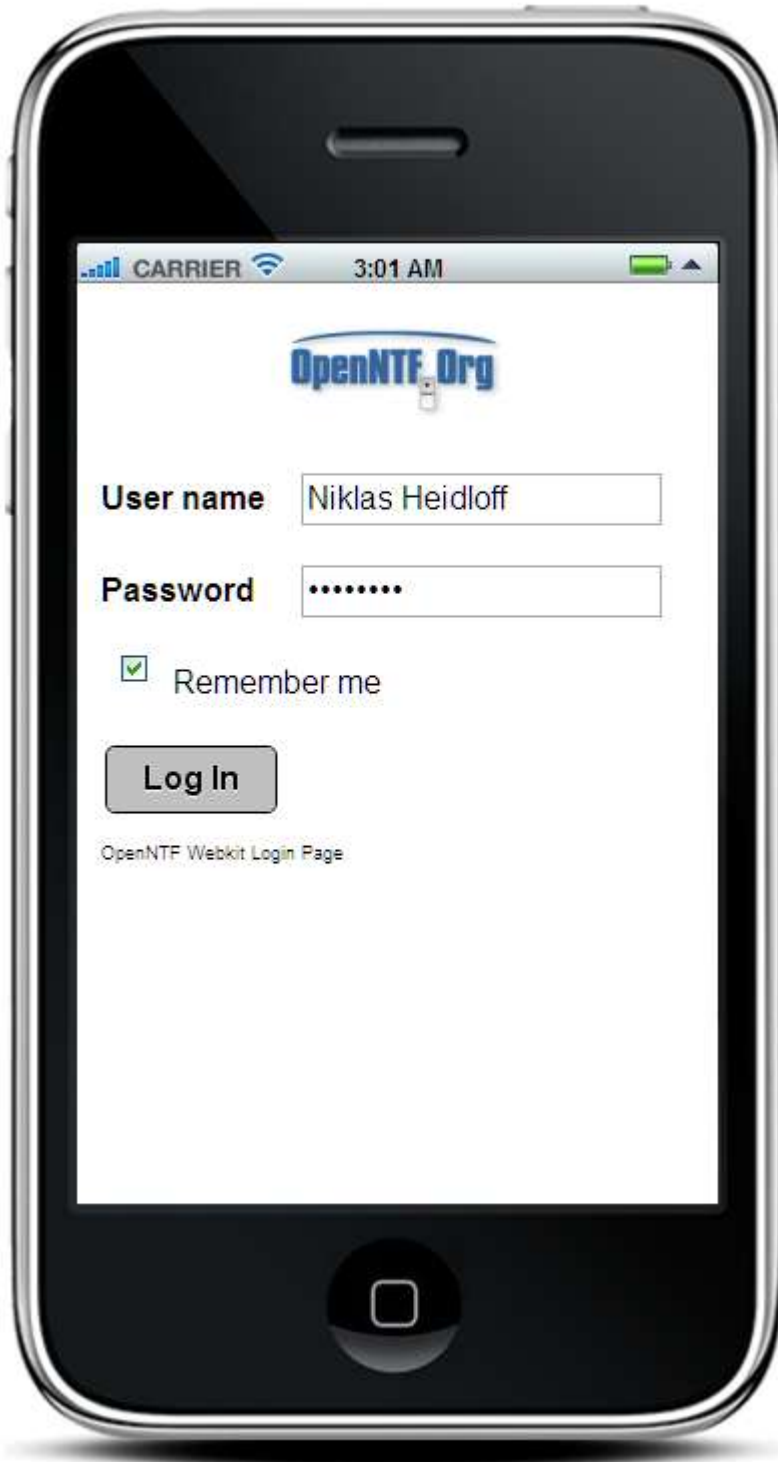
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Login Control

Lotus Domino allows customizing the login page that is used for session based authentication. Here is an example:



IBM Lotus iNotes comes with an optimized login page for the iPhone and other webkit based browsers. The same core functionality can be used to build custom login pages for custom mobile apps.

This video describes the necessary setup steps:

http://public.dhe.ibm.com/software/dw/lotus/learn/viewlets/notesdomino/inotes851/inotes_redirect_851.swf

There is also documentation ...

http://www-01.ibm.com/support/docview.wss?rs=3651&context=SSULMR&dc=DB560&dc=DB520&uid=swg21326762&loc=en_US&cs=UTF-8&lang=en&rss=ct3651lotus

... and an article:

http://www.intranetjournal.com/articles/200807/ij_07_22_08a.html

Step 1: Create an IBM Lotus iNotes redirect application

Follow the step 1 in the video.

In the simplest case use fixed redirect type to your server, e.g. <http://nheidloff-1>.

In order to allow the password to be stored overwrite the default 'enable login options' and set it to 'true'.

Choose the 'ultra-light mode' and add your mobile devices, e.g. 'webkit'.

The screenshot displays the configuration interface for the 'Ultra-light/Mobile Settings' section. At the top, there are four icons representing different settings categories: Server Settings, UI Setup, Ultra-light/Mobile Settings (which is highlighted with a dashed box), and Application Setup. Below these icons, the 'Ultra-light/Mobile Settings' section is active, showing a question: 'Enable 'ultra-light mode' radio button?'. To the left of this question is a 'Help' icon. To the right are two radio buttons labeled 'Yes' and 'No'. Below this, there is a text field for 'Mobile Device User Agent Keywords (All keywords should be lowercase)' containing the text 'ipod,iphone,webkit'.

Step 2: Create a Domino web server configuration application that maps the Redirector to the web server

Follow the step 2 in the video.

As target form define 'OpenNTFWebkitLoginForm':

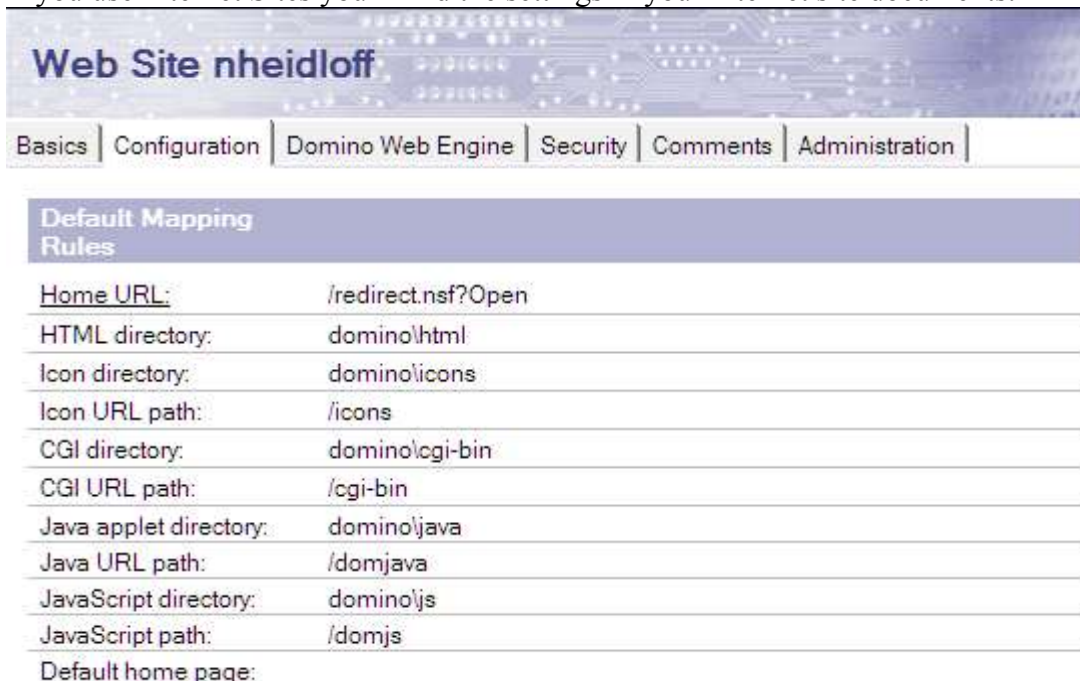


The screenshot shows a configuration window titled "'Sign In' Form Mapping". At the top, there are buttons for "Edit Document" and "Cancel". Below the title bar, there are two sections:

- Site Information**
 - Applies To: All Web Sites/Entire Server
 - Comment:
- Form Mapping**
 - Target Database: redirect.nsf
 - Target Form: OpenNTFWebkitLoginForm

Step 3: Edit the current server document and map the home URL to the redirector application

If you use Internet Sites you'll find the settings in your internet site documents:



The screenshot shows a configuration window titled "Web Site nheidloff". At the top, there are tabs for "Basics", "Configuration", "Domino Web Engine", "Security", "Comments", and "Administration". Below the tabs, there is a section titled "Default Mapping Rules" with the following settings:

Home URL:	/redirect.nsf?Open
HTML directory:	domino/html
Icon directory:	domino/icons
Icon URL path:	/icons
CGI directory:	domino/cgi-bin
CGI URL path:	/cgi-bin
Java applet directory:	domino/java
Java URL path:	/domjava
JavaScript directory:	domino/js
JavaScript path:	/domjs
Default home page:	

Also make sure you have selected session based authentication:

HTTP	Domino Web Engine	DIIOP	LDAP
HTTP Sessions			
Session authentication:	Single Server ▾		
Idle session timeout:	30 minutes		
Force login on SSL:	No ▾		
Maximum active sessions:	1000		

Step 4: Copy WebKit page with OpenNTF branding

Paste the one form and one subform from 'login.nsf' in this project's zip file into redirect.nsf.

OpenNTFWebkitLoginSubForm

OpenNTFWebkitLoginForm

You can modify these forms for your own branding.