

Bookmarks for IBM Lotus Connections XPage Control

License: Apache License v2
Last version: 12/10/09
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Platform: Tested on Lotus Domino 8.5.1 and Firefox 3.5.5

Description

This control can be used in custom applications to display bookmarks from IBM Lotus Connections from a specific user.

Technically this sample shows how to use Dojo Atom utilities to read the bookmarks via the Lotus Connections Atom API. See here for more: <http://www.ibm.com/developerworks/lotus/library/connections-deploy-pt7/>

In order to access another server from the client side Dojo JavaScript the Domino HTTP proxy server is used to handle the one domain security policy. See here for more: <http://www.ibm.com/developerworks/lotus/library/inotes-full/index.html>

With the proxy requests like this can be made directly from the client side JavaScript:

`http://nheidloff-1/xsp/proxy/BasicProxy/http/www.bleedyellow.com/dogear/atom?email=niklas_heidloff@de.ibm.com`

Screenshots

Reusable control:

Lotus Connections Bookmarks from niklas_heidloff@de.ibm.com
(Bookmarks are sorted chronologically)

Wednesday, December 09

11:57:02 AM	OpenNTF Apache Catalog
5:40:31 AM	OpenNTF Blog
5:39:25 AM	OpenNTF Home Page

OpenNTF Apache Catalog

The OpenNTF Apache Catalog contains project releases under the Apache license 2 that have been legally cleared.

There are three types of entries:

1. Rich client components
2. Reusable controls
3. Projects

[Open Bookmark](#)

Read from Connections:

The screenshot shows a Mozilla Firefox browser window displaying a bookmarks page. The browser's address bar shows the URL: http://www.bleedyellow.com/dogear/html?lang=en&email=niklas_heidloff%40de.ibm.com&access=any. The page title is "Bookmarks - Bookmarks for Niklas Heidloff - Mozilla Firefox". The browser's menu bar includes "File", "Edit", "View", "History", "Bookmarks", "Tools", and "Help".


The page content is organized into a sidebar on the left and a main content area on the right. The sidebar includes sections for "My Watchlist", "Tags" (with a search box), "Tags for Niklas Heidloff", "People" (with a search box), and "My Related People" (listing Kai Xu with a count of 1). The main content area is titled "Bookmarks for Niklas Heidloff" and is managed by "Niklas Heidloff". It features buttons for "Add a Bookmark", "Notify", "Delete Selected", and "More Actions". The page shows 3 items, with the first item being "OpenNTF Apache Catalog" (dated Today 5:41 AM). The description for this item states: "The OpenNTF Apache Catalog contains project releases under the Apache license 2 that have been legally cleared. There are three types of entries: 1. Rich client components, 2. Reusable controls, 3. Projects." Below this are two more items: "OpenNTF Blog" (dated Today 5:40 AM) and "OpenNTF Home Page" (dated Today 5:39 AM). At the bottom, there is a pagination control showing "Show 10 | 25 | 50 items per page".

Here is sample showing how control is used in discussion template:

The screenshot shows a Mozilla Firefox browser window with the following content:

- Browser Title:** OpenNTF Discussion - Mozilla Firefox
- Address Bar:** [http://nheidloff-1/Discuss6.nsf/authorProfile.xsp?lookupName=Niklas Heidloff/Germany/IBM](http://nheidloff-1/Discuss6.nsf/authorProfile.xsp?lookupName=Niklas+Heidloff/Germany/IBM)
- Page Header:** OpenNTF Discussion
- Left Sidebar:**
 - All Documents** (highlighted)
 - By Most Recent
 - By Author
 - By Tag
 - My Documents
- Top 6 Authors:**
 - John Head** Kerr Rainey
 - Niklas Heidloff** Peter
 - Tanner Rob McDonagh
- Top 0 Tags:**

Author Profile for Niklas Heidloff

 Name: Niklas Heidloff/Germany/IBM
Email: niklas_heidloff@de.ibm.com
Phone: 1234
Registered: 12/09/2009
Main topics posted: 1
Responses posted: 3

Lotus Connections Bookmarks from niklas_heidloff@de.ibm.com
(Bookmarks are sorted chronologically)

Wednesday, December 09

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[Open Bookmark](#)

How to run and try the control

The control can not be run in local mode only since the proxy is required.

First the proxy needs to be configured. This requires a security setting:

Security Settings: Nik - IBM Domino Administrator

File Edit View Create Actions Text Help

LOTUS Domain - nheidloff-1/Nheidloff Welcome X Security Settings: Nik X

Save & Close Cancel Inheritance Enforcement

Security Settings : Nik

Basics Password Management Execution Control List Keys and Certificates Signed Plug-ins Portal Server ID Vault Proxies Comments Administration

Add whitelist rule for proxy servlets:

```
/xsp/proxy/BasicProxy/=http://www.openntf.org:GET,POST:,*.*  
/xsp/proxy/BasicProxy/=http://www.bleedyellow.com:*,*.*
```

Edit list...

Lotus Notes

White-list rule to add or modify

Context: /xsp/proxy/BasicProxy/ Add/Modify Value >>

URL: http://www.bleedyellow.com << Remove

Actions: * << Remove all

Cookies: *

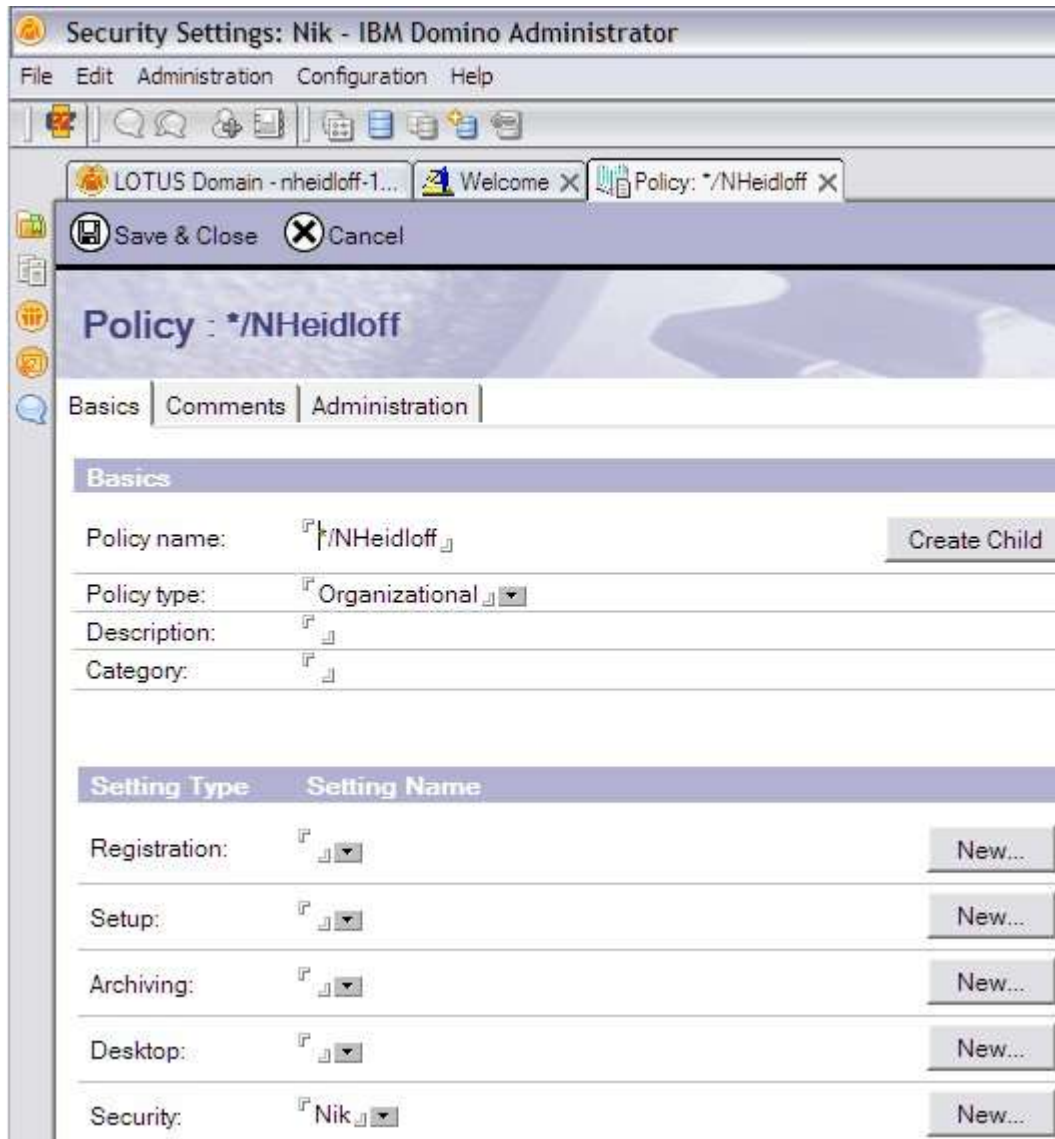
Mime-types: *

Headers: *

Add these white-list rules for proxy servlets:

```
/xsp/proxy/BasicProxy/=http://www.openntf.org:GET,POST:,*.*  
/xsp/proxy/BasicProxy/=http://www.bleedyellow.com:*,*.*
```

Then this setting needs to be associated with users:



In order for the proxy to work the user needs to be authenticated. So either navigate to the database requiring authentication first and change the ACL of the BookmarksViaAtom.nsf.

To run the sample follow these additional steps:

- Copy BookmarksViaAtom.nsf from BookmarksViaAtom.zip in your Domino data directory (e.g. c:\domino\data)
- Open BookmarksViaAtom.nsf in Domino Administrator and sign the database
- Open a web browser and navigate to the 'Test' XPage (e.g. http://localhost/BookmarksViaAtom.nsf/Test.xsp)

How to re-use control in custom application

Copy the following design elements from BookmarksViaAtom.nsf in your nsf or ntf:

- Custom control: ccBookmarks

Custom control: ccBookmarks

This control shows the bookmarks from IBM Lotus Connections of a specific user.

<i>Property name</i>	<i>Type</i>	<i>Default</i>	<i>Description</i>	<i>Sample value</i>
personEMailAddress	string	""	Person email address "niklas_heidloff@de.ibm.com"	"niklas_heidloff@de.ibm.com"
connectionsServer	string	""	Lotus connections server	"www.bleedyellow.com"
dominoServer	string	""	Domino server	"http://nheidloff-1"

Sample:

```
<xc:ccBookmarks  
  personEMailAddress="niklas_heidloff@de.ibm.com"  
  connectionsServer="www.bleedyellow.com"  
  dominoServer="http://nheidloff-1">  
</xc:ccBookmarks>
```