

OpenNTF Widget

License: Apache License v2
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Platform: Tested on Lotus Domino 8.5.1 and Firefox 3.5.6 and IE 8.0

Description

This project contains various widget components that are necessary to see updates from OpenNTF like the latest entries in the catalogs on web sites in other domains or in the Notes sidebar. The code in this project can also be used to build similar custom widgets for other web sites than OpenNTF.

For the embeddable widgets the project has two components:

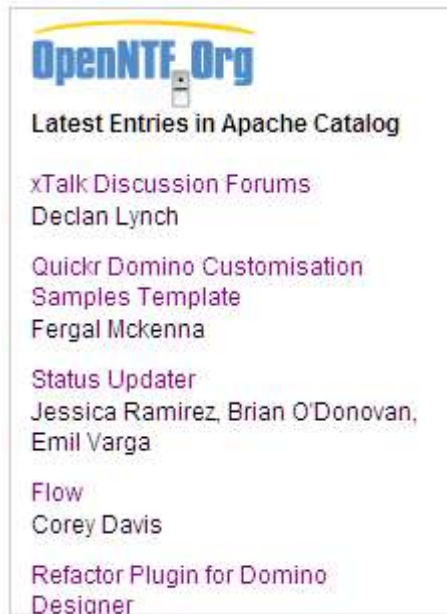
1. A reusable XPage control that gets data as JSON and displays it. Technically this control shows how to 'work around' the one domain security policy by using the Dojo function `dojo.io.script.get`.

This allows putting this control on other web pages than www.openntf.org to see updates from OpenNTF. The project comes with five sample Xpages that use the control to display the latest entries from the OpenNTF catalogs and latest projects and the most active projects.

2. A sample view and agent that needs to be copied in the target databases which returns data in the JSON format. The Domino URL <http://xxx/my.nsf/EntriesByDate?ReadViewEntries&OutputFormat=JSON> unfortunately doesn't return the right JSON format.

In addition to the embeddable widget the project also contains five Notes widgets that can be put in the Notes sidebar. The implementation of these Notes widgets is different. Since the one domain policy doesn't apply usual XPage data sources are used to access the data via NRPC (rather than HTTP).

Screenshot embeddable widget:



The screenshot shows the OpenNTE Org logo at the top, followed by the heading "Latest Entries in Apache Catalog". Below this, there are five entries, each consisting of a title and an author name. The entries are: "xTalk Discussion Forums" by Declan Lynch, "Quickr Domino Customisation Samples Template" by Fergal Mckenna, "Status Updater" by Jessica Ramirez, Brian O'Donovan, and Emil Varga, "Flow" by Corey Davis, and "Refactor Plugin for Domino Designer".

OpenNTE Org

Latest Entries in Apache Catalog

[xTalk Discussion Forums](#)
Declan Lynch

[Quickr Domino Customisation Samples Template](#)
Fergal Mckenna

[Status Updater](#)
Jessica Ramirez, Brian O'Donovan,
Emil Varga

[Flow](#)
Corey Davis

[Refactor Plugin for Domino Designer](#)

Screenshot Notes widget:



The screenshot shows a widget window titled "Latest Entries in OpenNTF Apache Catalog". The window contains the OpenNTF.org logo and a list of seven entries, each with a title link and author names. The entries are: 1. "xTalk Discussion Forums" by Declan Lynch; 2. "Quickr Domino Customisation Samples Template" by Fergal Mckenna; 3. "Import and Export for Domino Designer" by Yi BJ Guo, Stephan Wissel; 4. "Status Updater" by Jessica Ramirez, Brian O'Donovan, Emil Varga; 5. "Side Note" by Stanton Sievers; 6. "Refactor Plugin for Domino Designer" by Yi BJ Guo, Maureen Leland, Philippe Riand, Xin Rang Wang, Wen Jun J Wang, Chao CD Dong; 7. "Bookmarks for IBM Lotus Connections XPage Control" by Niklas Heidloff, Steve Castledine.

Latest Entries in OpenNTF Apache Catalog

OpenNTF.org

Latest Entries in Apache Catalog

[xTalk Discussion Forums](#)
Declan Lynch

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[Bookmarks for IBM Lotus Connections XPage Control](#)
Niklas Heidloff, Steve Castledine

How to run and try the control

Notes client:

- Copy OpenNTFWidget.nsf from OpenNTFWidget.zip in your Notes data directory (e.g. c:\notes\data)
- Open OpenNTFWidget.nsf in Domino Designer
- Select XPage 'ApacheCatalog' and invoke the menu action 'Design-Preview in web browser-Default browser'

Domino server:

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

How to re-use control in custom application

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

- Custom control: ccMostRecentViewEntriesWidget

In order to read data from your own target database you need to copy these two design elements in your target nsf:

- View: AllEntriesByDate
- Agent: AllEntriesAsJSON

Additionally you need to change the view to contain your data:

- Change the select formula
- For all four columns change the data if necessary
- The first column should be sorted

Custom control: ccMostRecentViewEntriesWidget

<i>Property name</i>	<i>Type</i>	<i>Default</i>	<i>Description</i>	<i>Sample value</i>
title	string	""	Title that appears at the top below the image	" Latest Entries in Apache Catalog "
heightInPixels	string	""	Height of the widget	"300"
widthInPixels	string	""	Width of the widget	"300"
imageUrl	string	""	Image URL that is displayed at the top	" http://www.openntf.org/projects/pmt.nsf/openntf_letterheadl.gif!OpenImageResource "
serviceUrl	string	""	Absolute URL of service/agent that returns the JSON	"http://www.openntf.org/catalogs/a2cat.nsf/AllEntriesAsJSON?OpenAgent&amount=5"
baseDocumentUrl	string	""	Absolute URL except of the document key to open the entries. The key will be appended at the end of this URL	http://www.openntf.org/catalogs/a2cat.nsf/topicThread.xsp?action=openDocument&documentId=
rectangleStyle	string	""	Style of the rectangle. This can be used for example to show/hide a border	"border:1px solid #ccc;margin:10px;"

Links to deployed Widgets

1. Local Widgets

Can be used in Notes widgets (and on OpenNTF web site).

<http://www.openntf.org/Internal/home.nsf/ApacheCatalogLocal.xsp>

<http://www.openntf.org/Internal/home.nsf/GPLCatalogLocal.xsp>

<http://www.openntf.org/Internal/home.nsf/PopularReleasesLocal.xsp>

<http://www.openntf.org/Internal/home.nsf/LatestReleasesLocal.xsp>

<http://www.openntf.org/Internal/home.nsf/BlogLocal.xsp>

2. Embeddable Widgets

Can be added on web sites in other domains

<http://www.openntf.org/Internal/home.nsf/ApacheCatalog.xsp>

<http://www.openntf.org/Internal/home.nsf/GPLCatalog.xsp>

<http://www.openntf.org/Internal/home.nsf/PopularReleases.xsp>

<http://www.openntf.org/Internal/home.nsf/LatestReleases.xsp>

<http://www.openntf.org/Internal/home.nsf/Blog.xsp>