

Lotus knows.

Smarter software for a Smarter Planet.

Vorstellung neuer OpenNTF Projekte basierend auf XPages und Dojo

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lotusknows.com

Agenda

- **OpenNTF Overview**
- Discussion Template – Rich Client User Interface
- Discussion Template – Web Client User Interface
- XPages Framework
- Dojo in XPages
- Q & A

OpenNTF is devoted to ...

- Enabling groups of individuals all over the world to collaborate on IBM Lotus Notes® and Domino® applications and release them as open source
- Providing a framework for the community so that open source applications may be freely distributed, using widely accepted licensing terms
- Increasing the quality and quantity of templates, applications and samples that are shared by the community

OpenNTF in Numbers

- 15 OpenNTF Alliance members
- > 300 contributors
- > 400 projects and > 1.000 code snippets
- > 67.000 registered users
- > 125.000 downloads in 2009
- > 3.200.000 page visits in 2009

- Comparison November 2008 vs. 2009
 - 50% more page visits
 - 100% more downloads
 - 4 times more releases

- Since foundation of OpenNTF Alliance in May 2009
 - 100 legally cleared entries in Apache catalog

Governance Model

- Loose cooperation of equal members with the common goal to provide open source applications based on Lotus Notes & Domino
- Similar to the OpenAjax.Org model: As little bureaucracy as possible, but as much structure and as many rules as necessary to make code re-usable and the organization efficient
- Members are expected to contribute something (e.g. code, in kind donations, financial contributions, etc.)

IP Model


- Outbound: Two models
 - Apache license (version 2)
 - Maximizes the usefulness of the code to consumers
 - No obligation to donate back to the community
 - GPL licenses
- Inbound contribution process
 - Rights for perpetual, worldwide, non-exclusive, no-charge, royalty-free, patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the work
 - IP is owned by contributor

Value provided by OpenNTF

- Code samples for education purposes for new and old technologies
- Base projects and templates to reuse/harvest/enhance for custom applications
- Access to base Lotus Notes & Domino templates with some of them enhanced from shipping versions
- Access to a global community of like minded people
- A community of “testers” for your projects

Catalogs of legally cleared Project Releases

Anonymous | [Login](#)



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[IdeaJam](#)
[Forums](#)
[About](#)
[Get Involved](#)

Start here You are in: [Rich Client Components](#)


Find via views:

- Rich Client Components
- Reusable Controls
- Projects

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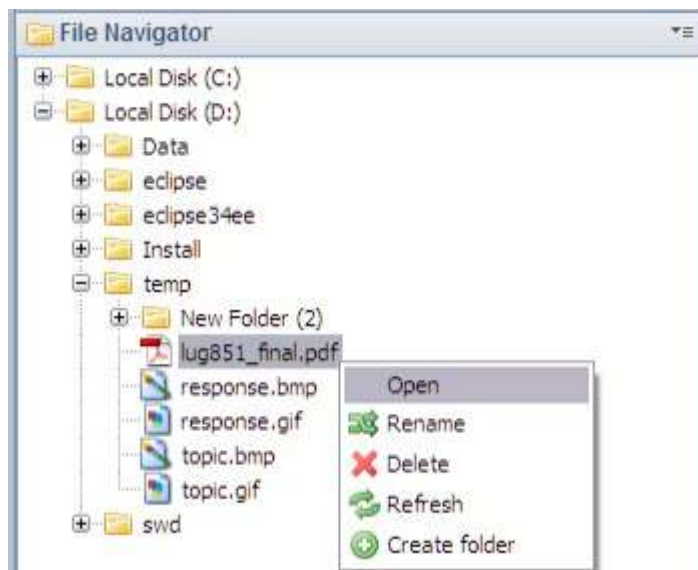
Name	Committed by	Updated	Rating	Downloads
Import and Export for Domino Designer	Y [redacted]	Dec 15, 2009	☆☆☆☆☆	more
Status Updater	J [redacted] F [redacted]	Dec 15, 2009	☆☆☆☆☆	more
Side Note	S [redacted] S [redacted]	Dec 14, 2009	☆☆☆☆☆	more
Refactor Plugin for Domino Designer	Y [redacted]	Dec 14, 2009	☆☆☆☆☆	more
Widget for Gocurrency - US Dollar to Euro Conversion	B [redacted]	Dec 2, 2009	☆☆☆☆☆	more
Widget for Gocurrency - Euro to US Dollar Conversion	B [redacted]	Dec 2, 2009	☆☆☆☆☆	more
Widget for Flightstats - Flight Status	A [redacted]	Dec 2, 2009	☆☆☆☆☆	more
Widget for Yahoo Babelfish - Text Translation	N [redacted]	Dec 2, 2009	☆☆☆☆☆	more
Attachment Manager	L [redacted]	Dec 1, 2009	☆☆☆☆☆	more

Find via search:

Rich Client Components

- Definition: Everything that can be installed via drag & drop into Lotus Notes
- Examples: File Navigator and Widget for Twitter

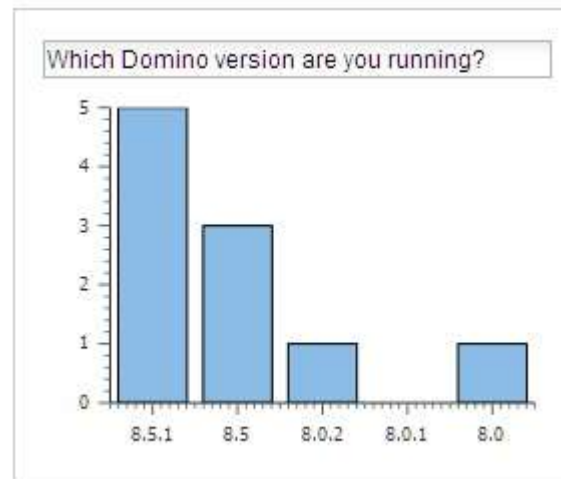


Reusable Controls

- Definition: List of compilable design elements that can be copied into custom applications
- Example: Voting control

Which Domino version are you running?

8.5.1
 8.5
 8.0.2
 8.0.1
 8.0



Projects

- Definition: Everything else that is not a rich client component or control
- Example: XPages Wiki

The screenshot shows the XPages Wiki documentation page. The page has a blue header with the title "XPages Wiki" and a search bar. Below the header is a navigation menu with links for Home, Getting Started, Wiki Markup, Headings and Table of Contents, Source Code, Tables, Images, Download Wiki Template, and Usage Log. The main content area displays a "Welcome" message, stating that the wiki is for XPages documentation and providing instructions for users. It also lists "Current Features" such as Notes and Web based editing, version history, Wiki Markup, automatic source code formatting, forward linking, automatic table of contents, RSS feeds, tags and tag cloud, categories, easy sidebar link management, and discussion for each wiki page.

XPages Wiki

Search...

XPages Wiki Documentation

Home > Welcome

Welcome

This wiki is for the XPages wiki documentation.
If you use this template either as a wiki or as an XPage education please let us know in our [Usage Log](#) (do not have to give name or company).

Please read the [Getting Started](#) document. Latest Release Notes - [Release 0.04](#)
It can also be used as a sandbox, please create new pages and categorise "Sandbox" rather than changing existing documentation.

Current Features

1. Notes and Web based editing (using Notes/Web Rich text, HTML or wiki markup)
2. Version history and control (Notes only so far for rollback)
3. Wiki Markup (see [Wiki Markup](#))
4. Automatic source code formatting (see [Source Code](#))
5. Forward Linking (if links do not exist page is automatically generated)
6. Automatic Table of Contents (see [Headings and Table of Contents](#))
7. RSS Feeds for new content, changed content and comments
8. Tags and tag cloud
9. Categories (and ability to format each category page differently)
10. Easy Sidebar Link management
11. Discussion for each wiki page

Notes/Domino Core Templates

- Lotus Notes & Domino base templates have been open sourced
 - Mail (mail85.ntf)
 - Personal Address Book (pernames.ntf)
 - TeamRoom (teamrm7.ntf)
 - Notebook (notebook8.ntf)
 - Domino Blog (dominoblog.ntf)
 - Doc Library (doclbw7.ntf)
 - Widget Catalog (toolbox.ntf)
 - Eclipse Update Site (updatesite.ntf)
- Business opportunity to extend and use templates in commercial products

Get involved

- OpenNTF success depends on contributions from the community
- Contribute code
- Provide feedback in forums, project area and blog
- Become a member
- Use code from OpenNTF
- Help in the Technical Committee

Agenda

- OpenNTF Overview
- **Discussion Template – Rich Client User Interface**
- Discussion Template – Web Client User Interface
- Q & A

Discussion Template

- The discussion template from Lotus Notes & Domino 8.5.1 has been extended and is available for download today
- Improved web user experience, e.g. better view navigation
- Revamped Lotus Notes client user interface that uses PIM style views and navigation
- Add on for rich client users to create topics based on context
- New features provided based on community feedback

8.5.1

The screenshot shows the IBM Lotus Notes interface for the OpenNTF IP Forum. The window title is "OpenNTF IP Forum - All Documents - IBM Lotus Notes". The menu bar includes File, Edit, View, Create, Actions, Tools, Window, and Help. The toolbar contains various icons for document management and navigation. The main content area is titled "Discussion" and features buttons for "New Main Topic", "New Response", and "Chat with Author".

The forum thread is organized as follows:

- OpenNTF IP Forum** (Date: 09/17/2009, Count: 3)
 - Topic 1 ([redacted])
 - Response 1 (N [redacted] 17.09.2009)
 - Response 1-1 (N [redacted] 17.09.2009)
 - Response 2 (N [redacted] 17.09.2009)
- 07/28/2009 19 **License Documentation within Projects (J [redacted])**
 - What exactly might license text for a project within open ntf look like? ([redacted])
 - good feedback - questions (J [redacted] 28.07.2009)
 - My suggestion (E [redacted] 28.07.2009)
 - I agree - About and (optional) separate (K [redacted] 28.07.2009)
 - About vs Using? (J [redacted] 28.07.2009)
 - What goes in the "About" document (E [redacted] 28.07.2009)
 - it might be more than one license (J [redacted] 28.07.2009)

The "Preview" section shows a "Discussion Main Topic" with the following details:

- Subject:** Topic 1
- Category:** [redacted]
- Date:** 09/17/2009 05:43 AM

At the bottom of the preview, there are several "Topic 1" entries. The status bar at the bottom right shows "Office" and a search icon.

The screenshot shows the IBM Lotus Notes application window titled "Main Page - All Topics - IBM Lotus Notes". The interface includes a menu bar (File, Edit, View, Create, Actions, Tools, Window, Help), a toolbar with various icons, and a search bar labeled "Search All Topics". The main content area displays a list of topics under the heading "OpenNTF Project Owners Discussion". The list is sorted by date and includes columns for "Date", "Count", and "Topic". The selected topic, "Topic 1", is shown in detail below the list, including its creation date (09/17/2009 05:43 AM) and author information. The detailed view of "Topic 1" contains several lines of text, each starting with "Topic 1".

Date	Count	Topic
09/17/2009	3	Topic 1 (J██████████)
07/28/2009	19	License Documentation within Projects (J██████████)
07/24/2009		Draft of the new IP Policy (P██████████)
07/24/2009		New governance documents (F██████████)
07/24/2009		Update on the ICLA draft (F██████████)
07/20/2009	6	Committers - What kind of paperwork do we want to require? (J██████████)
07/20/2009	11	ICLA Draft (P██████████)
07/16/2009		IPWG and TC joint call on July 17. (F██████████)
07/16/2009	3	Results of the OpenNTF.org Steering Committee Conference Call on 7.16.2009 (J██████████)
07/16/2009	2	The "library" aspect of LGPL is crucial (T██████████)
07/15/2009	1	Proposed Resolutions for Voting by the Steering Committee on 7.16.2009 (J██████████)
07/15/2009	26	Possible PROPOSAL for project cycles (N██████████)

Topic 1
Created: 09/17/2009 05:43 AM
Author: N██████████

Topic 1 Topic 1 Topic 1 Topic 1 Topic 1 Topic 1 Topic 1 Topic 1 Topic 1
Topic 1 Topic 1 Topic 1

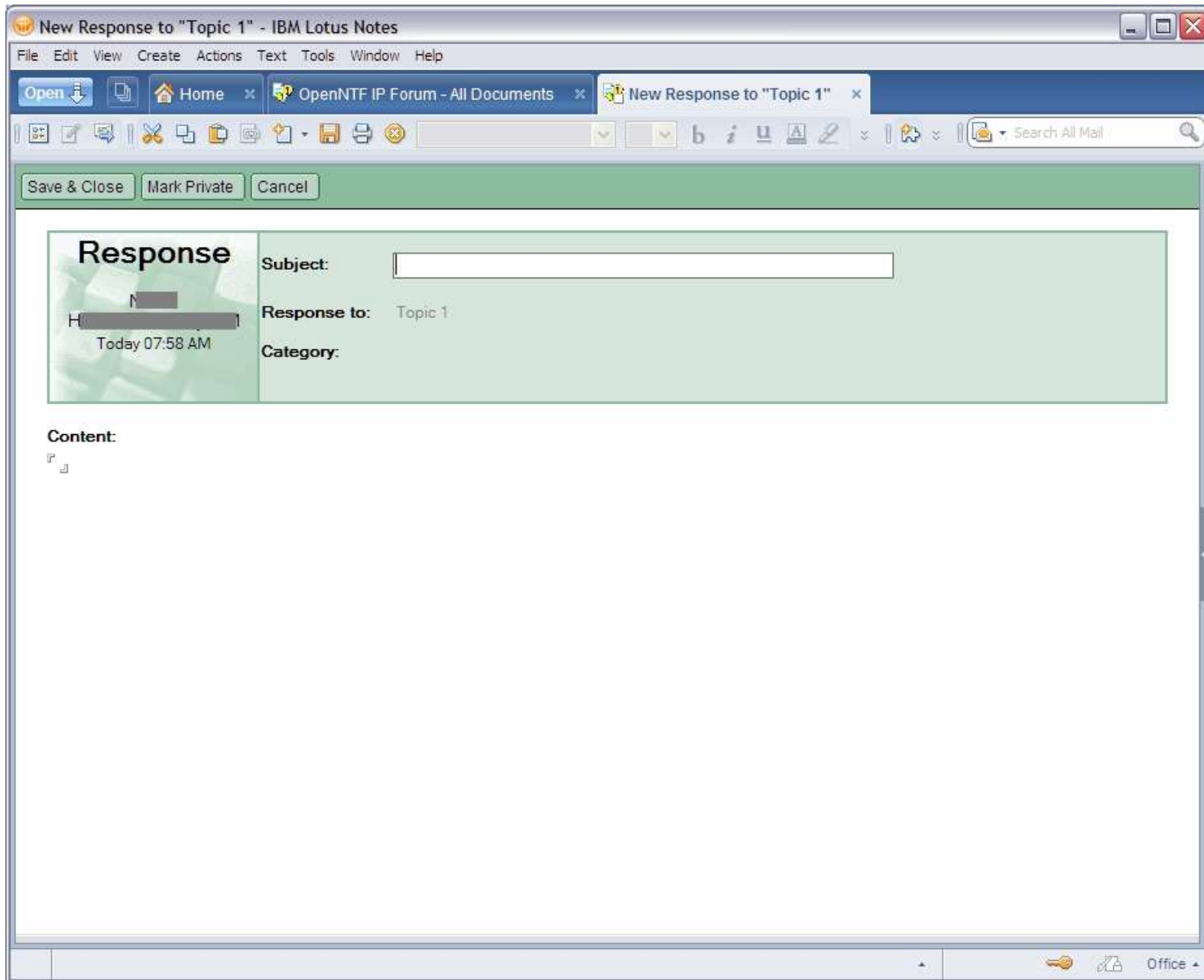
Topic 1 Topic 1 Topic 1

Topic 1 Topic 1 Topic 1 Topic 1

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8.5.1



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OpenNTF

The screenshot displays the IBM Lotus Notes application window titled "Response - IBM Lotus Notes". The interface includes a menu bar (File, View, Create, Actions, Tools, Window, Help) and a toolbar with various icons. The main workspace is divided into two panes. The top pane, titled "New Response", contains a "Response to: Topic 1" label, a "Subject:" text box, and a "Content:" area with a small cursor icon. The bottom pane, titled "Topic 1", shows a "Created: 09/17/2009 05:43 AM" and "Author: N" field, a "Category:" text box, and a list of "Topic 1" entries. A "Topic Navigator" sidebar on the left lists "Topic 1", "New Response", "Response 2", "Response 1", and "Response 1-1". The status bar at the bottom right shows "Office" and system icons.

Implementation

- Guideline: Use the best technologies Lotus Notes & Domino provides today (8.5.1) for the specific scenarios
- Web client (template): XPages
 - Obviously XPages are THE Lotus Domino technology to build web applications
- Rich client (template): Java™ views, composite applications, XPages, 'classic' Lotus Notes application development
 - Consistent user interface with other Notes 8 style applications
 - Best possible view navigation and rich text editing
 - Reuse of existing code via composite applications
- Notes extension: Eclipse
 - Globally available in Lotus Notes

Implementation: Navigation Page

- Implemented via Java views
- Reasons
 - Consistency with other Notes 8 style applications
 - Powerful view navigation
 - Preview on the side and narrow views
- Key implementation points
 - Live names requires it's own column
 - Narrow views shouldn't show scroll bars
 - Documents shouldn't show scroll bars
 - Icons should be used in action bars

Implementation: Thread Viewer Page

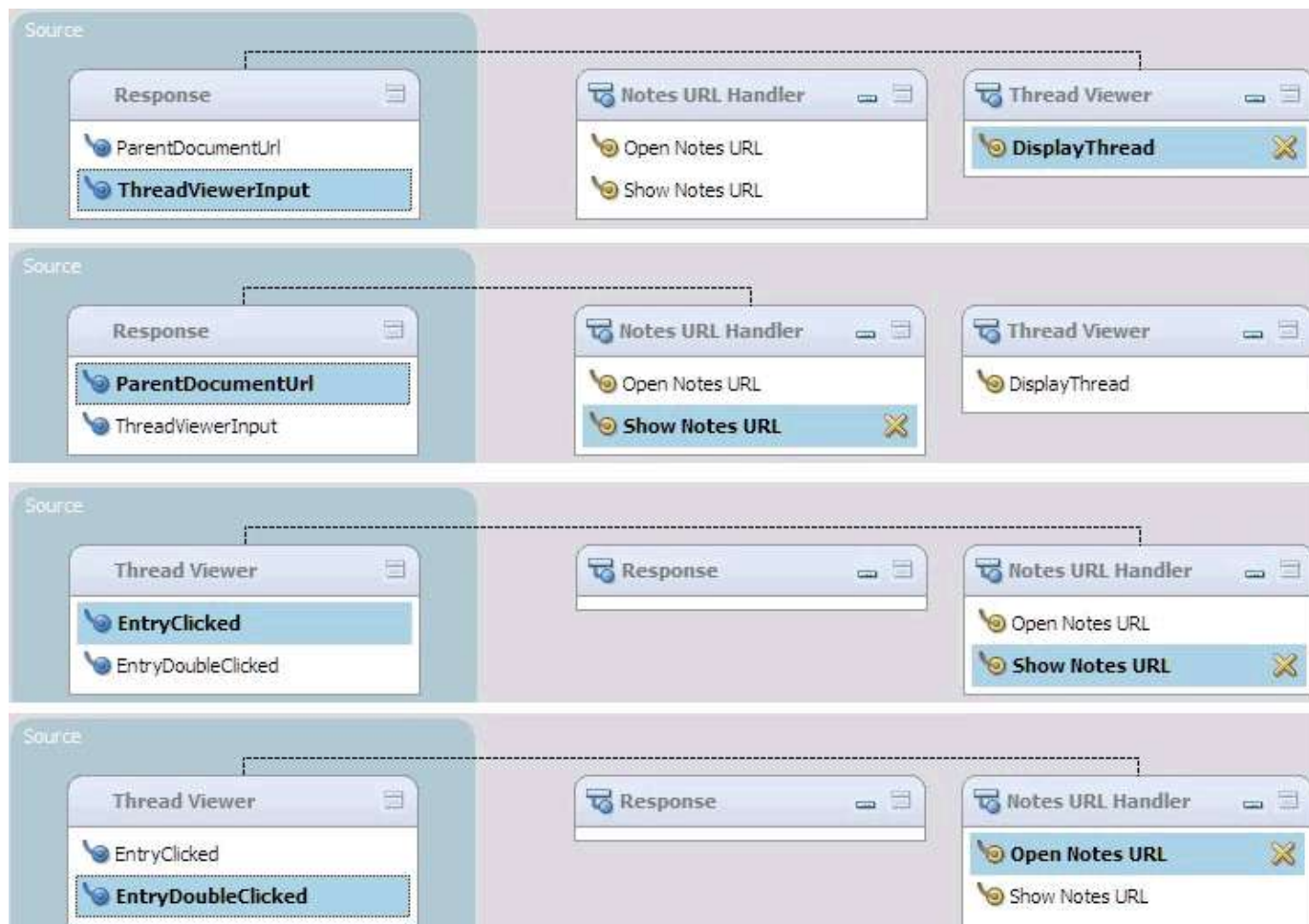
- Implemented as composite application (cloned) page
- Reasons
 - Aggregation of XPage and classic Notes documents
- Key implementation points
 - Form formula decides whether to bring up this page or only the one document in the thread

The screenshot displays a Lotus Notes interface for a thread viewer. It is a composite application with several sections:

- Topic Navigator:** A sidebar on the left listing items: Topic 1 (Created by N...), Response 2 (Created by N...), Response 1 (Created by Niklas Heidloff), New Response (Created by N...), and Response 1-1 (Created by N...).
- XPage (Thread Viewer):** A section at the bottom left of the sidebar area.
- Top Bar:** Contains buttons for 'Save & Close', 'Close', and 'Mark Private'.
- New Response:** A section for creating a new response, including a 'Response to:' field set to 'Response 1' and a 'Subject:' input field.
- Notes Document Container:** A section containing the content of the selected response, labeled 'Content: (Response)'. It shows a small text area with a cursor.
- Bottom Bar:** Contains buttons for 'Edit', 'Close', and 'New Response'.
- Response 1:** A section displaying details for the selected response: 'Created: 09/17/2009 05:44 AM', 'Author: N...', and 'Response to: Topic 1'.
- 'Classic' NSF Component:** A section at the bottom right labeled 'Response 1 (Notes URL Handler)'.

Implementation: Thread Viewer Page (cont.)

- Key implementation points
 - Property broker used for inter component communication



Implementation: Thread Viewer

- Implemented via XPages
- Reasons
 - Display of the complete thread including new non persisted documents
 - Graphical flexibility
- Key implementation points
 - Component definition for property broker
 - Style sheet to wrap content to new lines

Component Definition

A component can be used on the Web in a mashup or in the Notes Client in a composite application with other components on a page through events. Events are created and stored in the source.

Source

Where is the information you want to display in your component?

XPage to use

For View mode:

For Edit mode: Generate the Edit XPage based on parameters
Go to the Parameters tab to specify the parameters and supply a name for the Edit XPage.

For Help mode:

Runtime opti

Minimum heig

Minimum widt

Events

An event is the information this component sends (publishes) to other components or listens for components. You create events in the Events panel for the XPage; add the events here to def

EntryClicked
DisplayThread
EntryDoubleClicked

Event name:

Type:

Receive event

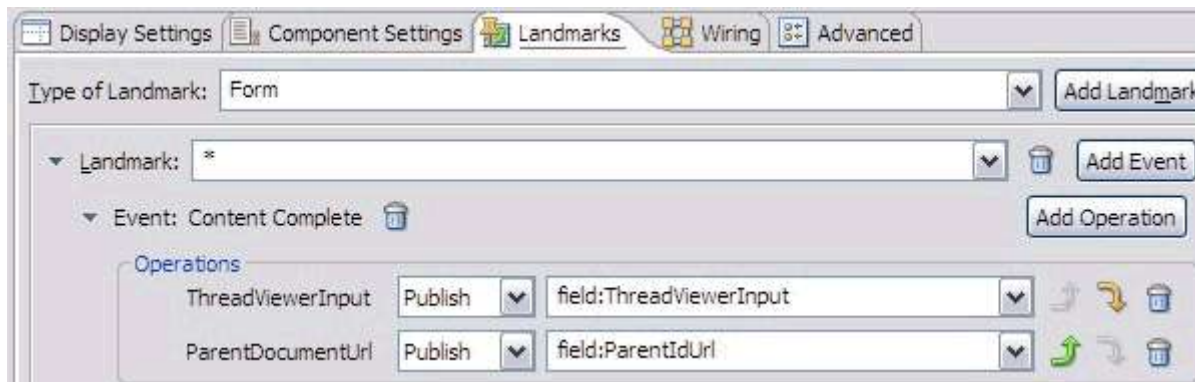
Publish event

Add

Remove

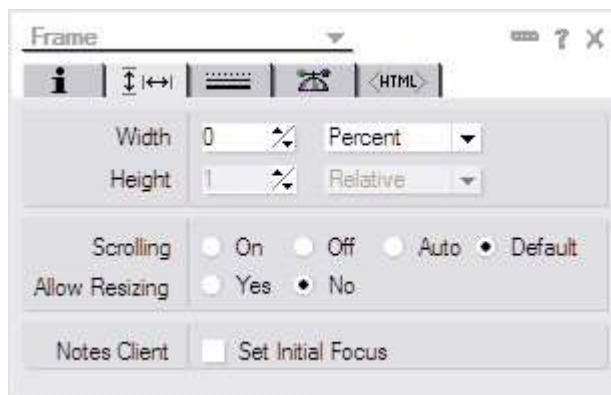
Implementation: Main Document

- Implemented via new Document Container
- Reasons
 - To leverage the publications of properties declaratively (landmarks)
- Key implementation points
 - Place holder component
 - Landmarks to publish fields



Implementation: Previewed Document

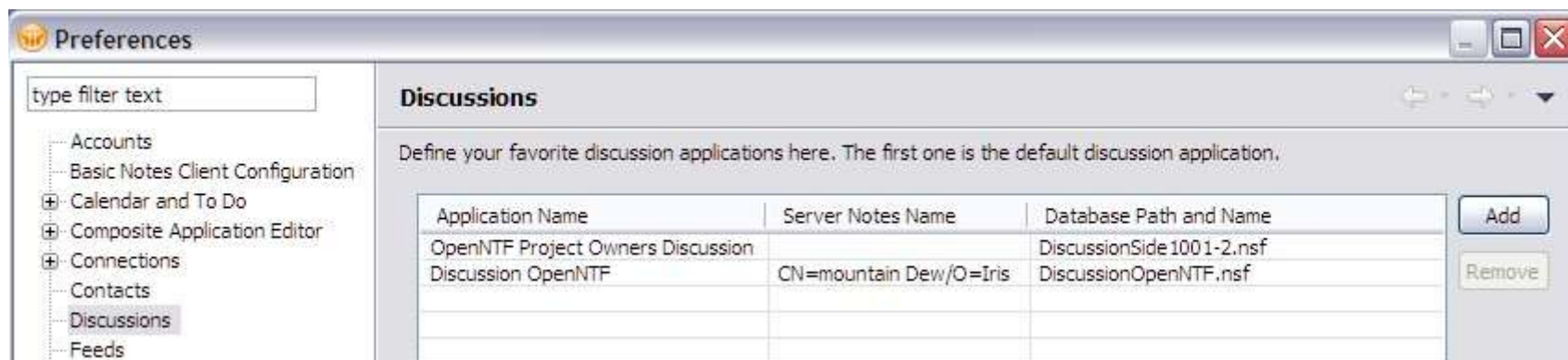
- Implemented via custom composite application component (classic Notes application development)
- Reasons
 - To open documents in preview mode on same page or to open documents in their own tabs
- Key implementation points
 - Frameset with hidden frame



- Notes ini variable to communicate between frames

Add On: Create Topics based on Context

- Scenario: Share received email with team to gather feedback
- Any Lotus Notes document can be copied in discussion applications as topic with one click
- The list of discussion applications is stored for each user on the client



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IBM Lotus Notes (Archive) - IBM Lotus Notes

File Edit View Create Discussion Actions Tools Window Help

Open Home f - Mail

OpenNTF Project Owners Discussion (local)
Discussion OpenNTF (CN=mountain Dew/O=Iris)

Sort by default

01/09/2009 05:22 AM
Discussion Next Gen

04/21/2009 10:58 AM
test 34

10/16/2009 04:46 AM
Re: Discussion Next Gen

Re: Discussion Next Gen

to: Ni. 10/16/2009 04:46 AM

Custom expiration date: 10/16/2010 [Show Details](#)

OpenNTF user, I'm glad to hear you're interested in joining the project.

Before you can join the project you need to be an approved OpenNTF contributor. All you have to do is to sign an individual contributor license agreement (ICLA) or you need to be part of your company's corporate CLA. [See here for more details.](#)

Once you'll have received the confirmation mail from ip-manager@openntf.org. let me know you we'll set up a call.

N

IBM Lotus Notes Re: Discussion Next Gen (No Responses) - IBM Lotus Notes

File Edit View Create Discussion Actions Tools Window Help

Open Home Re: Discussion Next G...

Close Edit New Response Chat with Author

Re: Discussion Next Gen

Created: 09:19 AM Today
Author: Niklas H...

Category:

To: N...
cc
bcc
10/16/2009 04:46 AM
Subject: Re: Discussion Next Gen
44CCCE94662BE780C1257539003906E3

Custom expiration date of 10/16/2010

OpenNTF user, I'm glad to hear you're interested in joining the project.

Before you can join the project you need to be an approved OpenNTF contributor. All you have to do is to sign an individual contributor license agreement (ICLA) or you need to be part of your company's corporate CLA. [See here for more details.](#)

Once you'll have received the confirmation mail from ip-manager@openntf.org. let me know you we'll set up a call.

N

Hi N... I've heard there is this g... 09.01.2009 05:22:53

Implementation: Add On

- Implemented as Eclipse plugin
- Reasons
 - Globally available in Lotus Notes for all discussion applications
 - Integration in user preferences
- Key implementation points
 - New Java UI classes to pick Lotus Notes database

New Features

- In addition to user experience improvements the two most requested features have been implemented

Discussion Next Gen

[Recent](#) | [Popular](#) | [Comments](#) | [In Progress](#) | [Completed](#) | [Rejected](#) | [Withdrawn](#) | [Recent Comments](#)

1 2 3 > Page 1 of 3



★ **User profiles from other NSFs**

IdeaSpace: Discussion Next Gen
Tags: discussion next gen
N [redacted] - 31 Jul 2009 / Comments (1)



No Opinion

In 851 the user profiles need to be defined in the discussion database directly. However most users don't want to enter this data redundantly. This feature will allow pulling data from other discussion databases where users have already defined profiles or from any other custom Notes database.

[See ...](#)



★ **Configurable notification emails**

IdeaSpace: Discussion Next Gen
Tags: discussion next gen
N [redacted] - 31 Jul 2009 / Comments (1)



No Opinion

The notifications emails should look better, provide more meta data (e.g. first x lines of docs). Additionally it needs to be possible for customers to configure these notifications mails (e.g. add header, footer etc.).

Additionally there should be an option for users to un-subscribe these email notifications. ...

User Profiles

- Can be re-used from other discussion applications

Author Profile for N [REDACTED]



Name: N [REDACTED]
Email: email@mycompany.com
Phone: 001-123-233-4444
Registered: 11/06/2009
Main topics posted: 1
Responses posted: 3

User Profiles

Use profiles from another discussion application: Yes
Define whether you want to use user profiles from an another existing discussion application.

Database containing user profiles:
Select the database with the user profiles.

Database name: d851-2.nsf
The path and name of the discussion database.

Server name: CN=nheidloff-1/O=NHeidloff
The server name of the discussion database.

Replica id: 85257615004A9B76
The database replication id.

Profiles database URL:
Define the URL the discussion application with the user profiles.

Lotus Notes

Author's Profile

Name	N [REDACTED] H [REDACTED]	
E-mail Address	email@mycompany.com	
Phone	001-123-233-4444	
Role	Architect	
Goals	Be happy.	
Other	You can also follow me on twitter under xyz.	

Implementation: User Profiles

- Implemented via XPages and classic Lotus Notes application development
- Reasons
 - Re-use of existing code
- Key implementation points
 - Two implementations: Rich client and web client

Mail Notifications

- New interest profile settings
- Configurable notifications
- Notes links or web links

Interest Profile Preferences for N [redacted]

Inform me of all new and modified documents:
No [v]

Inform me of all new and modified documents of threads I've contributed to:
Yes [v]

Inform me of new documents by these Authors:
[v]

Inform me of new documents in these Categories:
[v]

Inform me of new document Subjects containing these words or phrases:
(separate each listing with a new line)
[v]

Mail Notifications

Common settings:

Subject [v]
If a subject is entered here, the default subject is overwritten.

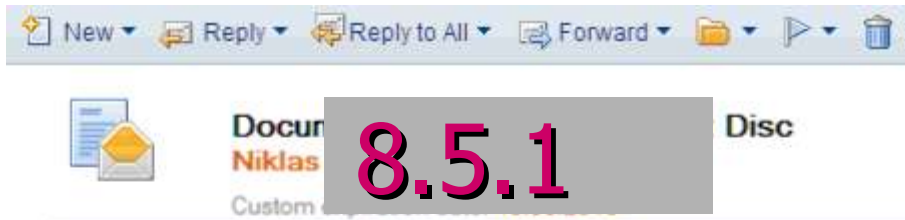
Insert abstracts: Yes [v]
Define whether to include abstracts.

Type of links: Notes Links [v]
Define whether to include Notes links or web URLs.

For Notes links:

Header: [v]
Optionally enter the header of the notification mails here as rich text.

Footer: [v]
Optionally enter the footer of the notification mails here as rich text.



OpenNTF

Documents of interest have changed

N [redacted] to: N [redacted]

Default custom expiration date: 10/29/2010

Dear OpenNTF user,

there are new documents in the OpenNTF forum that match your interest profile.

- Possible PROPOSAL for project cycles (N [redacted])
Bearing in mind the objective of OpenNTF according to it's membership charter: "to encourage recognizing the fact that use of N/D applications necessarily means institutional use, since 99.5
- Proposed Resolutions for Voting by the Steering Committee on 7.16.2009 (J [redacted])
So here are the slides that show all of the resolutions that I will be bringing up to the Steering Committee. Feel free to contribute your ideas and thoughts - we can make more refinements ...
- Can't this default to Re: [Previous Subject]? (K [redacted])
"can't even use techniques they learned from GPL code in any application they're not planning you learned how to write from something that was GPL'ed, you must GPL your own ...
- Exactly! (N [redacted])
"Better to be safe than sorry" is exactly the reason we resolved to have mutual exclusivity for th

Sincerely,

N [redacted]



Search Results

Local Database: CN=nheidloff-1/O=NHeidloff!!disc.nsf

Number of documents: 4

Link	Title
	adf
	adf (Response to: "adf")
	waer Niklas
	afdsf Niklas (Response to: "waer Niklas")



adf



adf (Response to: "adf")



waer Niklas



afdsf Niklas (Response to: "waer Niklas")

Mail Notifications

Common settings:

Subject



If a subject is entered here, the default subject is overwritten.

Insert abstracts:

Yes

Define whether to include abstracts.

Type of links:

Web URLs

Define whether to include Notes links or web URLs.

For web URLs:

Web links base URL:

<http://myserver.mycompany.com/mydiscus>

If web links are used define the web URL of this NSF.

Header:



Optionally enter the header of the notification mails here as HTML.

Footer:



Optionally enter the footer of the notification mails here as HTML.



Documents of interest have changed in the OpenNTF Forum

N [redacted] to: N [redacted]

Default custom expiration date: 10/29/2010

Dear OpenNTF user,

there are new documents in the OpenNTF forum that match your interest profile.

[Possible PROPOSAL for project cycles](#) (N [redacted])

Bearing in mind the objective of OpenNTF according to it's membership charter: "to encour recognizing the fact that use of N/D applications necessarily means institutional use, since 99

[Proposed Resolutions for Voting by the Steering Committee on 7.16.2009](#) (J [redacted])

So here are the slides that show all of the resolutions that I will be bringing up to the Steering; Please feel free to contribute your ideas and thoughts - we can make more refinements ...

[Can' this default to Re: \[Previous Subject\]?](#) (K [redacted])

"can't even use techniques they learned from GPL code in any application they're not planni that you learned how to write from something that was GPL'ed, you must GPL your own ...

[Exactly!](#) (N [redacted])

"Better to be safe than sorry" is exactly the reason we resolved to have mutual exclusivity fo

Sincerely,

N [redacted]

Implementation: Mail Notifications

- Implemented via classic Lotus Notes application development
- Reasons
 - Scheduled server task (agent)
 - Usage of rich text in mail notifications
 - Re-use of existing code
- Key implementation points
 - LotusScript agent

Agenda

- OpenNTF Overview
- Discussion Template – Rich Client User Interface
- **Discussion Template – Web Client User Interface**
- XPages Framework
- Dojo in XPages
- Q & A

Improvement: Increase visible topics

- Discussion Template v8.5.x had a permanent “expanded” response hierarchy
- Very few visible topics especially compared to previous versions
- Expand and Collapse also had “non” Lotus Notes Domino meanings

All Documents

[New Topic](#)

Page 1 | [2](#) | [3](#) | [4](#) | [5](#) | [6](#) | [7](#) | [8](#) ...

I am New Topic Created by Oct 30, 2009 6:12 PM
Lorem ipsum dolor sit amet Created by Oct 30, 2009 6:12 PM Responses: 1
New Response Created by Oct 30, 2009 6:12 PM
New Topic Created by Oct 30, 2009 6:12 PM Responses: 2
Response to new topic Created by Oct 30, 2009 6:12 PM Responses: 2
Responding to response Created by Oct 30, 2009 6:12 PM Responses: 1
Another response to response Created by Oct 30, 2009 6:12 PM

8.5.1

Increase visible topics

OpenNTF

All Documents

New Topic

Page 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 ...

I am New Topic

Created by | Oct 30, 2009 6:12 PM

Lorem ipsum dolor sit amet

Created by | Oct 30, 2009 6:12 PM | Responses: 1

New Response

Created by | Oct 30, 2009 6:12 PM

New Topic

Created by | Oct 30, 2009 6:12 PM | Responses: 2

Response to new topic

Created by | Oct 30, 2009 6:12 PM | Responses: 2

Responding to response

Created by | Oct 30, 2009 6:12 PM | Responses: 1

Another response to response

Created by | Oct 30, 2009 6:12 PM

All Documents

New Topic

Collapse All | Expand All

Previous 1 | 2 | 3 | 4 Next

	Sizing / layout issues for both wide screens and large fonts	Dec 5, 2009 6:34 PM	Anonymous
11	Main Topic	Dec 3, 2009 2:12 PM	Anonymous
	Well, I cannot even respond here	Oct 24, 2009 5:24 AM	Anonymous
1	The OpenNTF GPL category has a 404 (for weeks)	Oct 23, 2009 1:12 AM	Anonymous
	PDF Conversion of Lotus Notes Documents	Oct 23, 2009 12:43 AM	Anonymous
	Java Tree Box for selection values and output in a field	Oct 6, 2009 8:10 AM	Anonymous

Implementation: Increase visible topics

- Collapse and Expand now global collapse and expand for response hierarchies
 - Uses data source property “expandLevel” (1=collapse 0 =expand)
 - Expand and collapse sets property via a sessionScope variable
 - Theme picks up that setting to determine style for expand collapse links

The screenshot shows a web application interface with a navigation menu and a properties window. The navigation menu has a 'Collapse All' link and an 'Expand All' link. The properties window shows a tree view with 'data' expanded, and a table of properties including 'expandLevel'.

Property	Value
pageIcon	
pageTitle	
rendered	
rendererType	
resources	
viewState	
data	
acl	
data	
dominoView [0]	
categoryFilter	
databaseName	
dataCache	full
expandLevel	# if(sessionScope.ec==null sessionScope

Implementation: Increase visible topics

- All data now on one row and html cleaner - uses new 8.5.1 Repeat Control header and footer facets
 - New Repeat Control facets added to XPages for 8.5.1
 - Facet for header and footer

```
<xp:repeat id="repeatList" value="#{javascript:dominoView}"  
var="rowData" rows="#{javascript:compositeData.rows}"  
indexVar="repeatIndex" first="#{javascript:if(sessionScope.firstPos!=null){sessionScope.firstPos}}">
```

```
<xp:this.facets>
```

```
<xp:text disableTheme="true" xp:key="header"  
escape="false">
```

```
<xp:this.value><![CDATA[<table class='xspHtmlTableView' border='0' cellspacing='0'  
cellpadding='0'>]]></xp:this.value>
```

```
</xp:text>
```

```
<xp:text disableTheme="true" xp:key="footer"  
escape="false">
```

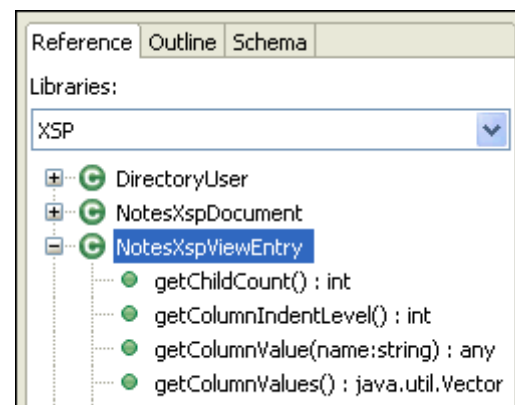
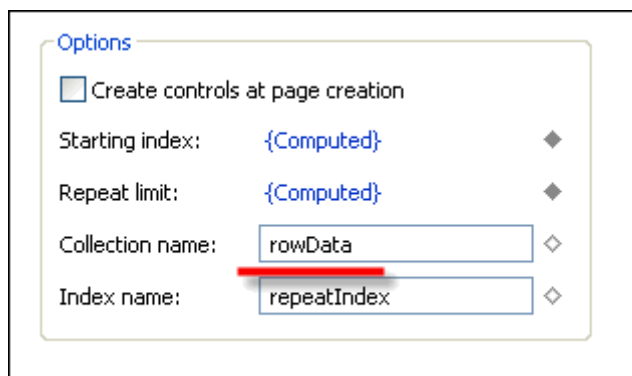
```
<xp:this.value><![CDATA[</table>]]></xp:this.value>
```

```
</xp:text>
```

```
</xp:this.facets>
```

Implementation: Increase visible topics

- Response Count added as a column
 - Computed Field
 - Gets its value from `NotesXspViewEntry.getDescendantCount()`
 - This is from “rowData” as set on the Collection Name property of the repeat control (`var rc = rowData.getDescendantCount()`)



Context when viewing or responding is increased

Another response

Created on Dec 2, 2009 7:54 PM by [Steve](#) | Topic Responses: 6

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque tellus a malesuada sed in magna. Duis sed dui nec diam tincidunt imperdiet at d

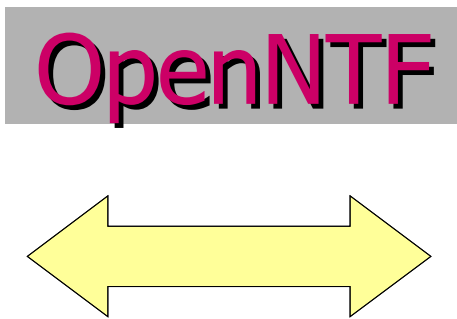
[Reply](#) [Edit](#)

Main Topic
Created on Dec 2, 2009 7:53 PM by [Steve](#)
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque tellus a malesuada sed in magna. Duis sed dui nec diam tincidunt imperdiet at d
[Read more...](#)

Response To main
Created on Dec 2, 2009 7:53 PM by [Steve](#)
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque tellus a malesuada sed in magna. Duis sed dui nec diam tincidunt imperdiet at d
[Read more...](#)

Another response
Created on Dec 2, 2009 7:54 PM by [Steve](#)

Response to Response
Created on Dec 2, 2009 7:54 PM by [Steve](#)



Another response


Created on Dec 2, 2009 7:54 PM by [Steve](#) | To

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque tellus a malesuada sed in magna. Duis sed dui nec diam tincidunt imperdiet at d

New reply to: **Another response**

Subject:

Tags:



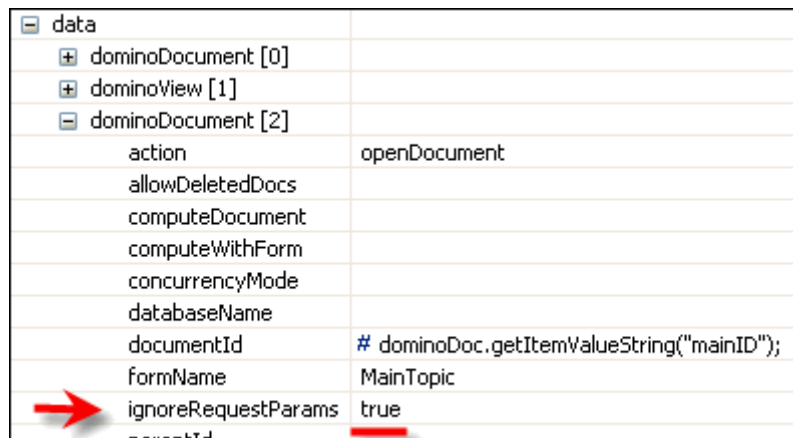
[Attach File](#)

[Save](#) [Cancel](#)

Main Topic
Created on Dec 2, 2009 7:53 PM by [Steve](#)

Implementation: Response context

- Use power of XPages and have three data sources on the response thread custom control
 - 1) Main document data source
 - 2) New Response data source
 - 3) View data source listing responses in hierachy
- Use ignoreRequestParam=true to separate “post” data from current “read” data on the new response data source



data	
+ dominoDocument [0]	
+ dominoView [1]	
- dominoDocument [2]	
action	openDocument
allowDeletedDocs	
computeDocument	
computeWithForm	
concurrencyMode	
databaseName	
documentId	# dominoDoc.getItemValueString("mainID");
formName	MainTopic
ignoreRequestParams	true
... (truncated)	

Improvement: Response context

- Add anchor html for new response form
 - Whilst XPages is cool – don't forget your normal html manners
 - Anchor html embedded above response form and link to new response with #commentForm
 - Means with large posts user does not need to scroll down to response form

```
<a name="commentForm"></a>  
<xp:table themeId="HtmlTable.form">  
<xp:tr themeId="HtmlTr.form.header">  
<xp:td themeId="HtmlTd.form.header" colspan="2">
```

Improvement: Response context

- Use repeat control to display all responses
- Link to view data source
- Use parentId property of data source (view) to bring in all responses to main topic document

[-] data	
acl	
[-] data	
+ dominoDocument [0]	
[-] dominoView [1]	
categoryFilter	
databaseName	
dataCache	id
expandLevel	
ignoreRequestParams	true
keys	
keysExactMatch	
parentId	var doc:NotesDocume...ring("mainID");...
postOpenView	

Main Topic
Created on Dec 2, 2009 7:53 PM by [Steve](#)
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisq...
malesuada sed in magna. Duis sed dui nec diam tincidunt imp...
[Read more...](#)

Response To main
Created on Dec 2, 2009 7:53 PM by [Steve](#)
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Qu...
malesuada sed in magna. Duis sed dui nec diam tincidunt...
[Read more...](#)

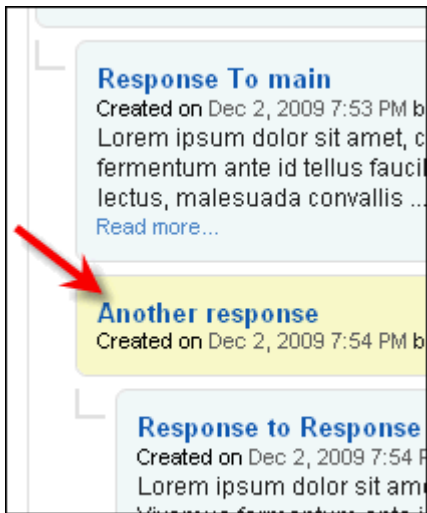
Another response
Created on Dec 2, 2009 7:54 PM by [Steve](#)

Response to Response
Created on Dec 2, 2009 7:54 PM by [Steve](#)
Lorem ipsum dolor sit amet, consectetur adipiscing elit...
faucibus malesuada sed in magna. Duis sed dui nec d...
[Read more...](#)

Another response to response
Created on Dec 3, 2009 12:32 PM by [Steve](#)
Lorem ipsum dolor sit amet, consectetur adipiscing...
faucibus malesuada sed in magna. Duis sed dui ne...
[Read more...](#)

Improvement: Response context

- Compute Panel style to have a different style if we are at that position
 - Check id of requested document (dominoDoc) against id of row entry (rowData)



styling	
disableTheme	
outerStyleClass	
style	# if(rowData.getNoteID()==dominoDoc.getNoteID())
styleClass	
themeId	Panel.topicThread

Compute Dynamically Compute on Page Load

```
1 if (rowData.getNoteID () ==dominoDoc.getNoteID ()) { "background-color:#ffffc8 !important;" }
```

Agenda

- OpenNTF Overview
- Discussion Template – Rich Client User Interface
- Discussion Template – Web Client User Interface
- **XPages Framework**
- Dojo in XPages
- Q & A

XPages Framework

The screenshot shows a Mozilla Firefox browser window displaying the OpenNTF Apache Catalog website. The browser's address bar shows the URL: <http://www.openntf.org/catalogs/a2cat.nsf/topicThread.xsp?action=openDocument&documentId=843875756>. The website has a yellow header with the OpenNTF.Org logo and a navigation menu with buttons for Home, Download, Projects, IdeaJam, Forums, About, and Get Involved. The main content area features a sidebar with search options and a central section for the XPages Framework project. The project details include:

- Committed by:** Steve Castledine
- All contributors:** Steve Castledine, Niklas Heidloff
- Downloads:** 938
- Rating:** 4 stars (represented by 4 yellow stars)
- Tags:** Rich client, Web client
- Type:** OpenNTF Projects
- Last updated on:** Oct 30, 2009
- License:** (not specified)
- Tested platforms:** Notes 8.5, Domino 8.5

There is a "Download" button and links for "Download sample" and "Open project". A blue box at the bottom of the project section contains the text: "Quickly create XPage applications using this framework which automatically creates the css layout for you."

Demo Page for Layout Wizard

Button 1

Side Bar Menu 1

Side Bar Menu 2

Side Bar Menu 3

Apply Simple Layout

Apply Advanced Layout

Reset Cache

Footer Column 1

Link 1

Reset Cache

Footer Column 2

Link 1

Link 2



Agenda

- OpenNTF Overview
- Discussion Template – Rich Client User Interface
- Discussion Template – Web Client User Interface
- XPages Framework
- **Dojo in XPages**
- Q & A

Dojo in XPages

- Dojo is open source and managed by Dojo Foundation
- Domino 8.5.1 comes with Dojo 1.3.2
- Internally used primarily for Ajax operations
- Three versions of each file
 - The gzipped file (.gz)
 - The JavaScript source file (.js)
 - The uncompressed JavaScript file (uncompressed.js)

Demos

Welcome to the Dojo Toolkit Demo Index



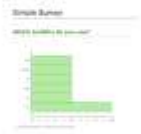
Feature Explorer
Comprehensive collection of small examples



Image Zoomer
Interactive Image demonstration



dojo.workers()
Meet the Dojo developers



Comet Survey
Realtime Survey and Charting



DojoMail
Mock Mailbox Application



dojo.moj.oe
FX demonstration with Drag and Drop



The Dojo Times
SVG fonts with dojox.gfx



Flash Cards
Simple interactive math game



Create o' Dev
Fun FX with various JavaScript developers



CastleParty
Showing custom styles for Dijit



Video Player
Sample Video playing with DojoX



FishEye
Demonstration of the DojoX FisheyeList widget



Simple Form
Variety of Dijit input



Dijit i18n
Internationalization and



Dijit i18n
Another look at basic



Download

Documentation

Community

Blog

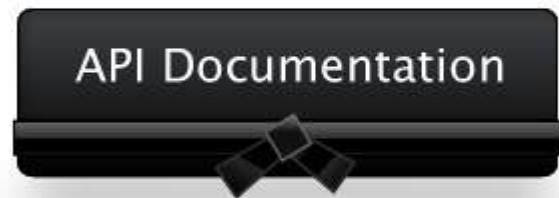
Search

Documentation

[Quick Start Guide](#)

[Reference Guide](#)

[API Documentation](#)



Popular Solutions

Installation and Styling

- [Install and Configure Dojo](#)
- [Fade in a node](#)
- [Use dojo.query to find a specific node](#)
- [Dynamically add a CSS class to a node](#)
- [More »](#)

Layout Widgets

- [Add Tabs to your WebApp](#)
- [Create a resizable split container](#)
- [Add an Accordion Pane](#)
- [Add a Filtering Select widget](#)
- [More »](#)

Grids and Charts

- [Show data in a data grid](#)
- [Allow users to edit data in a data grid](#)
- [Create charts from data sets](#)
- [More »](#)

Events

Form Widgets

Data and More

- [Use the dojo.data APIs](#)

Q & A

References

- OpenNTF: www.openntf.org
- OpenNTF blog: www.openntf.org/blogs/openntf.nsf/FullArchive
- Apache catalog: www.openntf.org/catalogs/a2cat.nsf
- Get involved: www.openntf.org/Internal/home.nsf/dx/Get_Involved
- Download Discussion Template: [http://www.openntf.org/Projects/pmt.nsf/ProjectLookup/Discussion Next Gen](http://www.openntf.org/Projects/pmt.nsf/ProjectLookup/Discussion%20Next%20Gen)

- Follow OpenNTF on Twitter: www.twitter.com/openntf
- YouTube videos: www.youtube.com/openntf

- Niklas Heidloff blog/twitter: www-10.lotus.com/ldd/heidloffblog.nsf

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