

Make the impossible possible with XPages

Frank van der Linden

Agenda

- Introduction
- Basic examples
- Intermediate examples
- Advanced examples
- Q&A

Who is Frank van der Linden

- I live in Utrecht in the Netherlands.
- My role is XPages/Domino/Web developer at e-office since 2000. So I started with Lotus Notes 4.5.x.
- I develop XPages application since the introduction of XPages in Lotus Notes 8.5.0.
- In my spare time I do a lot of running and then I mean a lot.
- And I am married and have 2 daughters



And he works at e-office

- Celebrated in 2011 it's 20ste anniversary
- First Lotus Business Partner in the Netherlands
- E-office is IBM Premier Business Partner, Microsoft Gold Partner and RIM Alliance Elite partner



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Categorized views

- HTML version was a headache case.
- In XPages is just drag and drop

| Previous 1 2 3 4 5 6 7 Next | | | | | | | |
|---|----------------------------------|------------|-----------|---------------------------------|------------|-------------|-----------------|
| State | Id | First Name | Last Name | EMail | City | Created | Name |
| ▶ | AK | | | | | | |
| ▼ | AL | | | | | | |
| | CN=Mollie Oconnor/O=renovations | Mollie | Oconnor | mollie_oconnor@renovations.com | Birmingham | Mar 1, 2012 | Mollie Oconnor |
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Pagination

- It meant lot of (javascript) work to get things done.
- Interaction with view was hard to accomplish
- With XPages out-of-the-box.

| | | | | | | | | Previous | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | ... | Next |
|--------------------------------|------------|-----------|-------------------------------|--------------|-------|-------------|---------------|----------|---|---|---|---|---|---|---|---|-----|------|
| Id | First Name | Last Name | EEmail | City | State | Created | Name | | | | | | | | | | | |
| CN=Aaron Bowers/O=renovations | Aaron | Bowers | aaron_bowers@renovations.com | Hayward | CA | Mar 1, 2012 | Aaron Bowers | | | | | | | | | | | |
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| CN=Abby Collier/O=renovations | Abby | Collier | abby_collier@renovations.com | Newport News | VA | Mar 1, 2012 | Abby Collier | | | | | | | | | | | |
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| CN=Abby Mcintosh/O=renovations | Abby | Mcintosh | abby_mcintosh@renovations.com | Dallas | TX | Mar 1, 2012 | Abby Mcintosh | | | | | | | | | | | |
| CN=Abby Oneil/O=renovations | Abby | Oneil | abby_oneil@renovations.com | Shreveport | LA | Mar 1, 2012 | Abby Oneil | | | | | | | | | | | |
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| CN=Abby Potter/O=renovations | Abby | Potter | abby_potter@renovations.com | Richardson | TX | Mar 1, 2012 | Abby Potter | | | | | | | | | | | |
| CN=Abby Robbins/O=renovations | Abby | Robbins | abby_robbins@renovations.com | Lansing | MI | Mar 1, 2012 | Abby Robbins | | | | | | | | | | | |
| CN=Abby .../O=renovations | Abby | ... | abby_...@renovations.com | ... | ... | Mar 1, 2012 | Abby ... | | | | | | | | | | | |

Partial Refresh

- Partial Refresh was possible, but with lots of Javascript
- In XPages is easy as pie to refresh parts of the pages

Custom Controls, Subforms 2.0

- Subforms can only be used one time on form
- Custom Controls are able to exist multiple times on a XPages
- By using custom properties, Custom Controls can be fully customized

Mobile enablement

- Mobile Access is with XPages easy to achieved
- For 8.5.3 it is part of the Extension Library.
- Prior version use the Mobile Controls

✓ <http://mobilecontrols.openntf.org/>

```
xsp.resources.aggregate=true  
xsp.theme=oneui2.1  
xsp.theme.mobile.pagePrefix=mobile|
```

| |
|--------------------|
| Form |
| Transitions |
| Data View |
| Accordion Outline |
| Basic Outline |
| Interface Controls |

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Localization

- In the Application Properties you can set the required localization
- Check files → menu "Window", select "Show Eclipse Views", then "Other...". Select General, Navigator, click OK

The screenshot displays the Eclipse IDE interface. On the left, the 'Localization Options' dialog is open. It features a checked 'Enable localization' checkbox. Below it, a text box lists 'English [en]' and 'German [de]' as languages for which property files should be generated. There are 'Add...' and 'Remove' buttons. The 'Source language' and 'Default language' are both set to 'English [en]' via dropdown menus. At the bottom, there are checkboxes for 'Merge source file changes into property files' (checked) and 'Localize computed field inline text' (unchecked). On the right, the 'XPages' project is expanded in the Navigator, showing a list of files including .properties and .xsp files for various components like 'XPagesSortMethodsDemo', 'categorizedView', 'iCalChoice', and 'inLineViewEdit'.

Get data from other view in a view

- In XPages it is possible to integrate data from other view in a view.

| Previous 1 2 3 4 5 6 7 8 ... Next | | | | |
|---|-----------|----------|--------|---------------|
| FullName | FirstName | LastName | EEmail | City |
| Abbie Ahmed/ROCKALL | Aaron | Madden | | Abilene |
| Abbie Ali/ROCKALL | Abbie | Ali | | Newport News |
| Abbie Allan/ROCKALL | Abbie | Allan | | no city found |
| Abbie Allen/ROCKALL | Abbie | Allen | | no city found |
| Abbie Anderson/ROCKALL | Abbie | Anderson | | no city found |
| Abbie Arnold/ROCKALL | Abbie | Arnold | | no city found |

Scope Variables

- Keep variables a cross pages was hard, you needed javascript or even notes document.
- In XPages you have access to scopes. You can assign variables, like Strings, Objects....
- You have ApplicationScope, SessionScope, viewScope and requestScope

<< messages (0) timers (0) applicationScope sessionScope viewScope requestScope custom variables API Inspector

add value to sessionScope

sessionScope.entwicklerCamp

Goto scopevariablesNext.xsp

Inline editing in View

- It was possible in the Lotus Notes client, but not or hard on the web.
- In XPages it is possible to inline edit documents

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|---|------------|-----------|-------------------------------|--------------|-------|-------------|
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| CN=Aaron Bowers/O=renovations | Aaron | Bowers | aaron_bowers@renovations.com | Hayward | AL ▼ | Mar 1, 2012 |
| CN=Aaron Madden/O=renovations | Aaron | Madden | aaron_madden@renovations.com | Abilene | TX ▼ | Mar 1, 2012 |
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| CN=Aaron Olsen/O=renovations | Aaron | Olsen | aaron_olsen@renovations.com | Pasadena | CA ▼ | Mar 1, 2012 |
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| CN=Abby Collier/O=renovations | Abbie | Ali | abby_collier@renovations.com | Newport News | VA ▼ | Mar 1, 2012 |
| CN=Abby Downs/O=renovations | Abby | Downs | abby_downs@renovations.com | Lubbock | TX ▼ | Mar 1, 2012 |
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Searchresults dynamically sortable

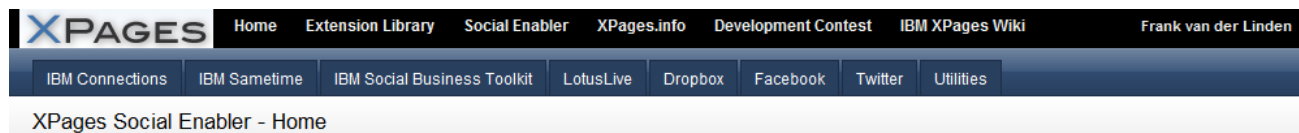
- Credits to Tommy Valand
 - ✓ <http://dontpanic82.blogspot.com/2010/01/xpages-three-ways-to-build-search.html>

Extension Library or Domino Upgrade Pack

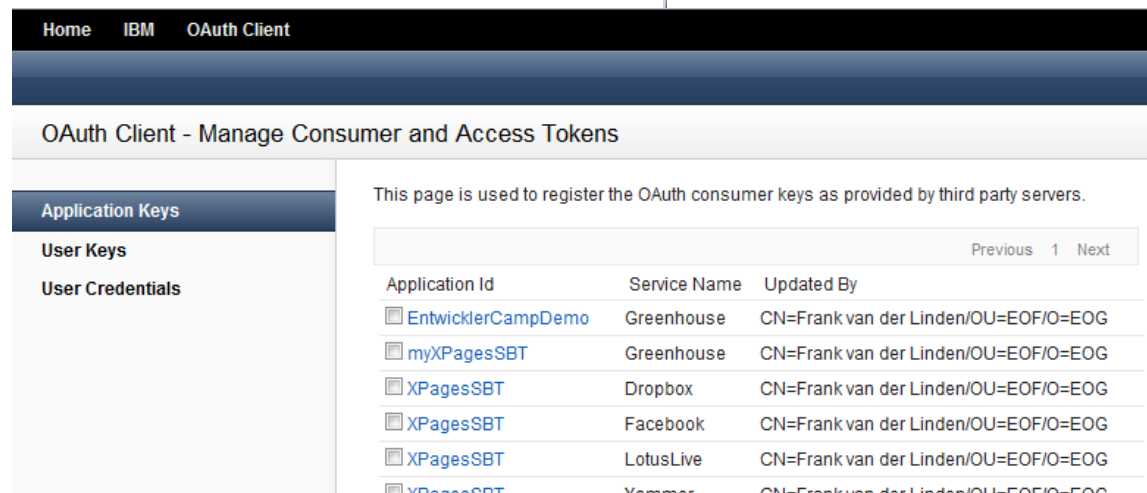
- In XPages you get access to a toolbox of easy to use components
- Go get it at [OpenNTF](#)

Connect with social Media

- The Social Enabler is toolkit, who helps you to connect with oAuth providers
- It comes with a WebSecurityStore to get hold of your keys and tokens



Welcome to XPages Social Enabler



Home IBM OAuth Client

OAuth Client - Manage Consumer and Access Tokens

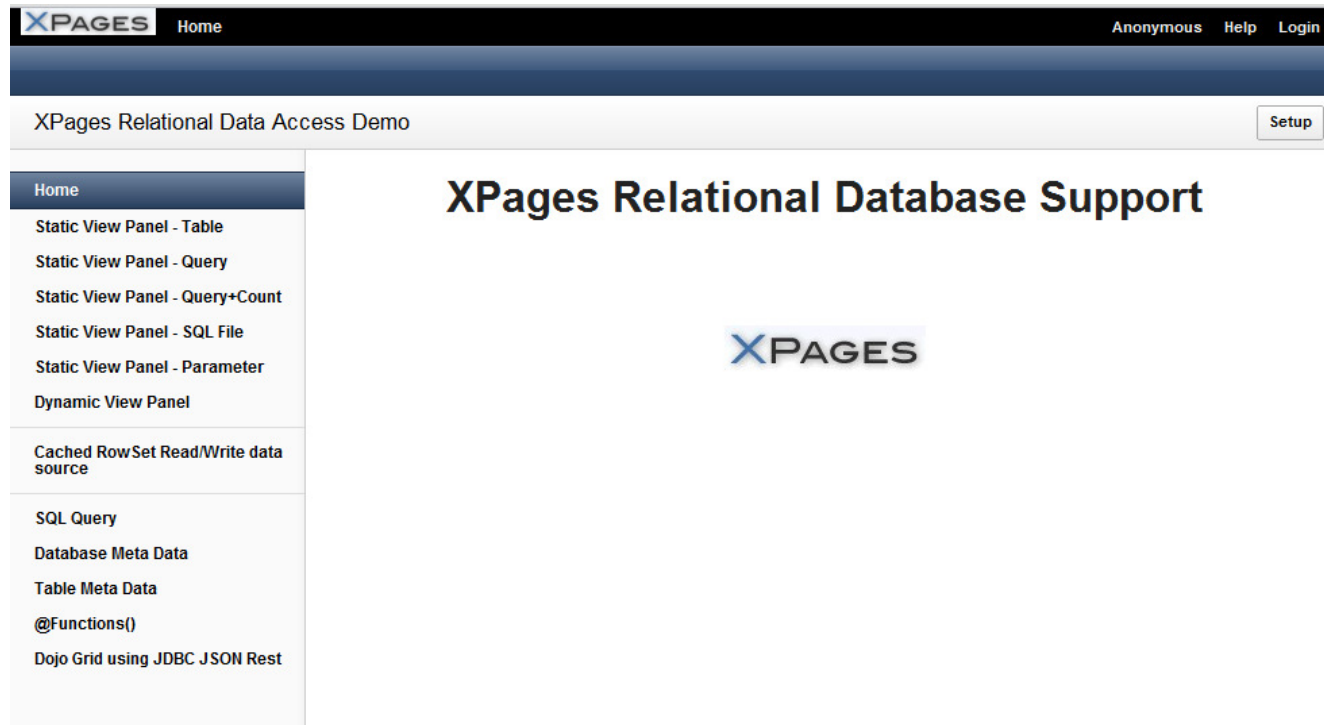
This page is used to register the OAuth consumer keys as provided by third party servers.

Previous 1 Next

| Application Id | Service Name | Updated By |
|---|--------------|--------------------------------------|
| <input type="checkbox"/> EntwicklerCampDemo | Greenhouse | CN=Frank van der Linden/OU=EOF/O=EOG |
| <input type="checkbox"/> myXPagesSBT | Greenhouse | CN=Frank van der Linden/OU=EOF/O=EOG |
| <input type="checkbox"/> XPagesSBT | Dropbox | CN=Frank van der Linden/OU=EOF/O=EOG |
| <input type="checkbox"/> XPagesSBT | Facebook | CN=Frank van der Linden/OU=EOF/O=EOG |
| <input type="checkbox"/> XPagesSBT | LotusLive | CN=Frank van der Linden/OU=EOF/O=EOG |
| <input type="checkbox"/> XPagesSBT | Yammer | CN=Frank van der Linden/OU=EOF/O=EOG |

Connect with Relational Database data

- In XPages it is very easy to connect to relational data
- If there is a jdbc driver, you can connect



The screenshot displays the XPages Relational Data Access Demo web application. The interface features a dark blue header with the XPages logo and navigation links for Home, Anonymous, Help, and Login. Below the header, the main content area is titled "XPAGES Relational Database Support" and includes the XPages logo. A left-hand navigation menu lists various view panels and data access options, such as "Static View Panel - Table", "Static View Panel - Query", "Static View Panel - Query+Count", "Static View Panel - SQL File", "Static View Panel - Parameter", "Dynamic View Panel", "Cached RowSet Read/Write data source", "SQL Query", "Database Meta Data", "Table Meta Data", "@Functions()", and "Dojo Grid using JDBC JSON Rest". A "Setup" button is visible in the top right corner of the main content area.

Questions??

e-office

How to reach me

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