

Profiles Application for XPages in IBM Lotus Domino – V1.0 for OpenNTF.org

Documentation, April 1st, 2009

Introduction:

The Profiles Application for XPages in IBM Lotus Domino is an application that serves as a simple names and address book. This application originated from the XPages Workshops - demonstration and learning events on the new XPages technology run by IBM for business partners - and then enhanced for a [Show and Tell Session](#) at Lotusphere 2009.

The application itself is a profiles type application similar in many ways to a contacts list. It allows the user to create a new profile document, search for existing profiles aided by Ajax type ahead and view filtering, add 'friends' to their own profile, as well as many other features.

The application can also be worked with in IBM Lotus Domino Designer R8.5. Here the user can see how the application is put together and inspire the user to reuse the XPages features displayed in their own Domino 8.5 applications.

The Profiles Application for XPages has been released on Openntf.org under the Apache v2 license whose terms can be read here <http://www.apache.org/licenses/LICENSE-2.0.txt>

The screenshot displays the 'Profiles Application for XPages in IBM Lotus Domino' interface. At the top, there is a yellow header with the Lotus logo and the application title. Below the header, there are navigation tabs for 'Home', 'Results', and 'Profile'. The main content area shows a profile for 'Simon Ligo', who is the 'Operations Manager for The Custom Chisels Company' in Sligo, Ireland. A profile picture of Simon Ligo is shown on the left. To the right of the picture, there is a link to 'Edit Profile'. Below the profile information, there is a section for 'Contact Information' with fields for Name, Address, Office Number, Mobile/Cell Number, Email Address, and My Geography. The 'My Friends' section includes a form to add a friend with fields for Name and Email, and a button to 'Add a Friend'. A friend named 'Fred Adams' is listed with his email address 'fadams@canappass.ca' and a 'Remove Friend' button.

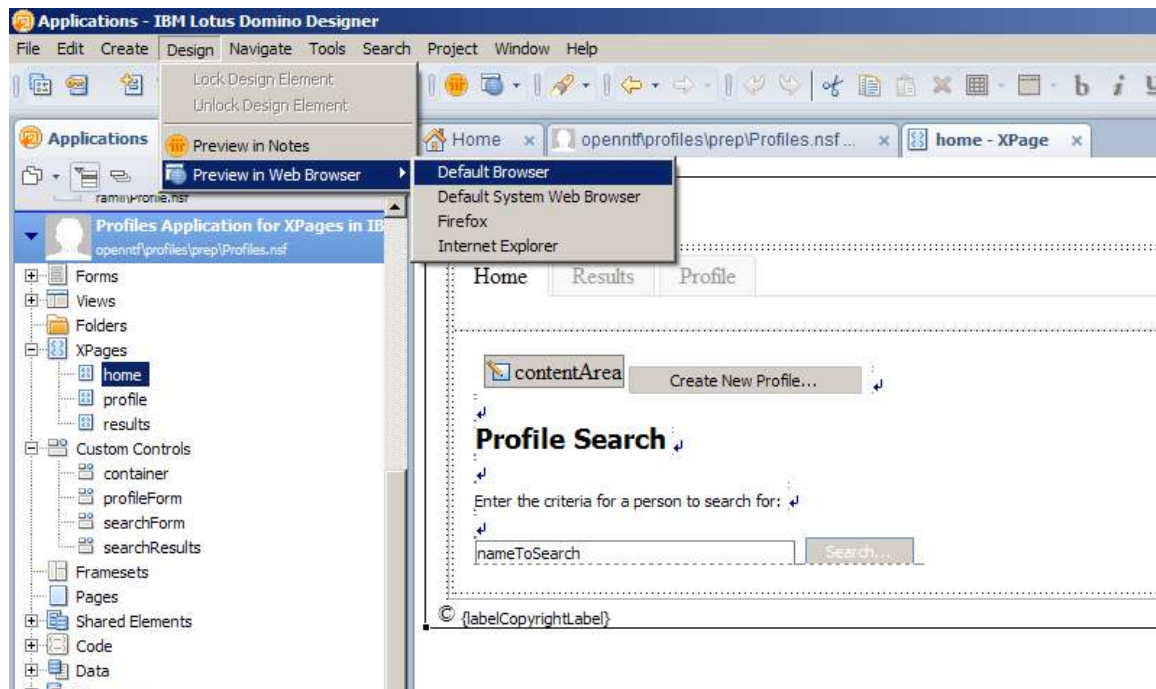
IBM Notes Domino 8.5 is needed to run this application.

Get Stated:

On a web browser you can start using this application in two ways, stored locally and previewed through Lotus Designer 8.5, or stored on Lotus Domino 8.5 server and launched through a web browser.

Preview from Designer:

Unzip Profiles.nsf from the zip file to the data directory of your Designer client, then launch the application. In Designer select from the main menu Design, Preview in Web Browser.



This will launch the application on the desired web browser.

Adding the XPages Profiles Application to your Domino server.

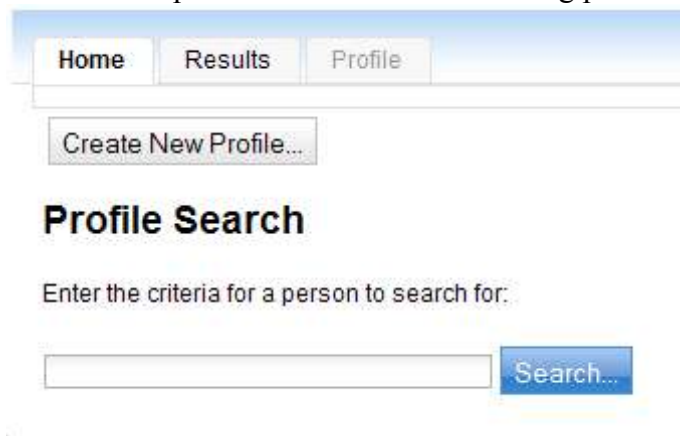
Unzip the application to the data directory of your Lotus Domino 8.5 server. And because this application is released on OpenNTF.org it is not signed with the standard Lotus Notes development signer, so you will need to sign the template with an id that is allowed to run agents/code on your server.

Then once that is done and the web server task is running on your server you can hit this application via a web browser with the following URL for example – <http://yourDomino85Server/Profiles.nsf> and this will give you the default XPage.



Features:

On the default XPage the user is presented with the Home XPage. Here the user can create a new profile or search for an existing profile.



Creating a new profile navigates the user to the Profiles XPage, while selecting to search for a profile brings the user to the Results XPage.

New Profile

A new profile can be created in two ways; selecting the Create New Profile button or simply navigating to 'Profile' tab. The save button submits the profile document.

Lotus Profiles Application for XPages in IBM Lotus Domino

Home Results Profile

Contact About Me My Photo My Geography

First name:

Last name:

Gender: Male

DOB:

Office number:

Mobile number:

Email:

Street:

Area:

City:

Zip:

Save Cancel

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Each tab here on the new profile form can be filled in. On the 'Contact' tab, First and Last names are required fields, as well as the email field.

On the About Me tab, edit boxes are provided for the input of the users Job Title, Company and their blog url address. A rich text field is also provided here to allow the user to input more details in a richer format.


Contact **About Me** My Photo My Geography

Job title:

Company:

My Blog:

About me:



Font Size

The My Photo tab handles the image of the user. A blank image acts as a placeholder if the user doesn't have a photo for their profile. If they have a photo this image can be uploaded here. And once uploaded, this image will appear on the main body of the users profile document. This tab also gives the user the option to delete the image once posted.

Contact About Me **My Photo** My Geography

Photo: 

The My Geography tab facilitates the user to input their location in coordinates, time zone, country and language.

Country:
 Languages:
 Time zone: ACT
 Latitude:
 Longitude:

The Country and Language edit boxes are enabled with Ajax type ahead.

Country:
 Languages:
 Time zone:
 Latitude:
 Longitude:

- Iceland
- India
- Indonesia
- Iran, Islamic Republic of
- Iraq
- Ireland
- Isle of Man
- Israel
- Italy

And multiple languages can be selected by the user.

Country:
 Languages:
 Time zone:
 Latitude:
 Longitude:

- Catalan
- Chamorro
- Chechen
- Chichewa
- Chinese
- Church Slavic
- Chuvash
- Cornish
- Corsican
- Cree
- Croatian
- Czech

NOTE: There is a bug in Domino 8.5 for the Tabbed Panel control (PHAN7NXGLG). To get around this the user must select and review all the data inputted in each tab before they submit changes to their profile.

This issue is fix for Domino 8.5.1.

Search

The search edit box on the default XPage is enabled with Ajax type ahead. This is populated using a look-up of the existing profiles on the application.

Profile Search

Enter the criteria for a person to search for:



A search input field containing the letter 'S'. A dropdown menu is open, showing two suggestions: 'Samantha Daryn' and 'Simon Ligo'. To the right of the input field is a blue 'Search...' button. Below the suggestions, there is a small copyright notice: '© Copyright IBM Corporation 2009.'

The user may select a name from the dropdown or input their own query.



A search input field containing the text 'Simon Ligo'. A dropdown menu is open, showing two suggestions: 'Samantha Daryn' and 'Simon Ligo'. The 'Simon Ligo' suggestion is highlighted in blue. To the right of the input field is a blue 'Search...' button. Below the suggestions, there is a small copyright notice: '© Copyright IBM Corporation 2009.'

Selecting the search button navigated the user to the Results tab.



The screenshot shows the 'Profiles Application for XPages in IBM Lotus Domino' interface. At the top, there is a yellow header with the Lotus logo and the application title. Below the header, there are three tabs: 'Home', 'Results', and 'Profile'. The 'Results' tab is selected. The main content area displays the search results for 'Simon Ligo'. It includes a search bar with the text 'Profile search results for: Simon Ligo'. Below the search bar, there is a table with the following columns: 'FullName', 'Company', 'Job Title', and '# Friends'. The table contains one row of results for 'Simon Ligo' at 'The Custom Chisels Company' with the job title 'Operations Manager' and 1 friend. Navigation links 'Previous' and 'Next' are visible above the table. At the bottom of the page, there is a copyright notice: '© Copyright IBM Corporation 2009.'

FullName	Company	Job Title	# Friends
Simon Ligo	The Custom Chisels Company	Operations Manager	1 #

NOTE: Search on this application uses view filtering and not Full Text Search.

And selecting the link for the name in the 'FullName' column brings the user to the Profile document.

[Home](#)[Results](#)[Profile](#)**Profile for Simon Ligo**

Operations Manager for The Custom Chisels Company

Sligo

Ireland

[Edit Profile](#)**▼ Contact Information**

Name: Simon Ligo
Address: 21 Dublin Road
Ardnaree
Sligo
Ireland
Office Number: 55512334
Mobile/Cell Number: 55 998 555
Email Address: sligo@cngt.ie
My Geography: [▶ Language, Timezone, location...](#)

▶ About Me**My Friends**Name: Email: **Fred Adams**
fadams@canappass.ca[Remove Friend](#)

Adding Friends

On each profile document there is a section which allows the Profile owner to add friends. This feature will have to be enhanced but for now it demonstrates how a user can create a new document linked to their own without it being a response document.

Upon typing the first characters of your friends name a look-up is run that will seek out a matching name in the existing application and returned through Ajax type ahead.

My Friends

Name:

Email:

Add a Friend

Fred Adams
fadams@canappass.ca

[Remove Friend](#)

Selecting this name from the drop-down and then tabbing to the next field runs an action when populated the Email field with the name of that user from the look-up.

My Friends

Name:

Email:

Add a Friend

Selecting the Add a Friend button creates a new friend.

My Friends

Name:

Email:

Add a Friend

Fred Adams
fadams@canappass.ca

[Remove Friend](#)

George Bandini
gbandini@renovations.com

[Remove Friend](#)

The number of Friends is also shown in the Results view on the right most column.

Previous 1 2 Next			
FullName	Company	Job Title	# Friends
Rita Ferrar	Renovations	Administrative Assistant for Marketing	0 #
Ron Segal	Renovations	Assistant Store Manager	0 #
Samantha Daryn	Renovations	Promotions Manager	1 #
Simon Ligo	The Custom Chisels Company	Operations Manager	2 #

References:

For the main reference and feedback please use the page for this project in openNTF.

For more information on XPages...

- Try out the XPages Tutorial on Domino Designer 8.5 Help (Lotus Domino Designer XPages User Guide);
- Check out the [articles](#) and [videos](#) on the Designer Wiki;
- See what the blogs are saying about [XPages](#).