



Sales & Technical Enablement Workshop

Developing XPages - Part III

Lotus Channel Technical Sales



Copyright IBM Corporation 2010. All Rights Reserved.

This exercise is intended to assist IBM SWG Sales and their business partners in understanding IBM Software products, marketing tactics, sales tactics and our direction during 2007.

This exercise can be used in sales situations except individual charts labeled VENDOR CONFIDENTIAL or IBM CONFIDENTIAL, in which case they should be considered confidential under the practices in place in your firm and under any existing agreements with IBM regarding disclosure of confidential information.

For questions or to request permission for any other use of the information or distribution of the presentation, please contact any member of the IBM software sales team.

Confidentiality Reminder

As a reminder, if you are an IBM Business Partner, any IBM Confidential information in this session is not to be shared by you with anyone outside of your company. This is in accordance with the PartnerWorld non-disclosure agreement as signed by your company. Thank you for your adherence to this agreement.

Matthias Schneider IBM Corporation March 2010

COPYRIGHT IBM CORPORATION 2009. ALL RIGHTS RESERVED.

Page 1 of 30 IBM ISV & DEVELOPER RELATIONS.



Table of Contents

1	Time Estimates	2
2	Purpose	2
3	Description	2
4	Detailed Steps	3
	Create a Component based on your Application	3
	Integrating E-Mail Functionality	10
	Overview – Description of the next steps	21
	Working with Widgets	22
	Integrating XPage Components and Widgets	25
5	Summary	30

1 Time Estimates

The IT Professional should be able to complete this whole lab in 90 minutes.

2 Purpose

First, you will learn how to "componentize" your XPages application. We will reuse and assemble XPages components together with NSF and Web components into a Composite Application.

3 Description

You will transform your stand-alone Scrapbook application into a re-usable component. Afterwards, you will create a NSF-based Composite Application and add the newly built component there. In a final step, you will wire these components.

The My Widgets feature is installed with Notes 8.0.1. This lab also demonstrates how to use the Lotus Notes My Widgets feature and programmatically wire a widget with XPages and other NSF components.



4 Detailed Steps

Create a Component based on your Application

- 1. If Domino has not been started, **start** it now. Open Domino Designer from the desktop icon and login as **Domino Admin/ibm** with password **passw0rd**.
- 2. Open your xScrapbook application.
- 3. Navigate to Composite Applications > Components. Right-click on New Component.



4. Name the new component MyViewComponent.

😡 New Com	ponent 🔀
New Compo () Create a no	nent ew Component
Name: Comment: Application:	MyViewComponent xScrapbook : \\DOM85/ibm\xScrapbook.nsf
	OK Cancel





5. Select **results** as the XPage to use for **View** mode.

Source				
Where is the information you want to display in your component?				
┌ XPage to use —				
For View mode:	results			
For Edit mode:	Generate the Edit XPage based on parameters			
	Go to the Parameters tab to specify the parameters			
For Help mode:				

6. Save the new component and navigate back to Lotus Notes.

Create a Composite Application

7. Create a new Composite Application **MyScrapbookCA** there. Select the – **Blank Composite Application** – template for the new application.

Specify New Application Name and Location						
<u>S</u> erver	DOM85/ibm 💙	ОК				
<u>T</u> itle	MyScrapbookCA	Cancel				
<u>F</u> ile name	MyScrapbookCA.nsf					
	Encryption					
	 <u>Create full text index for searching</u>	Ad <u>v</u> anced				
Specify 1	emplate for New Application					
Server	Local 🗸					
Temp <u>l</u> ate	 Blank- Blank Composite Application- Application Library (8) Design Synopsis Discussion - Notes & Web (8.51) Doc Library - Notes & Web (8) 					
File <u>n</u> ame		About				
	Show advanced templates					

Page 4 of 30 IBM ISV & DEVELOPER RELATIONS.



8. The application opens in read mode, displaying an empty page. From the **Actions** menu, select **Edit Application**:



9. From the right-hand palette, select **My Palette**, then, from the **Add Component** dropdown, select **Add NSF Component**.





10. Name the new component MyScrapbook.

Select **Browse** and – from the Domino server – choose your Scrapbook application. Locate the **MyViewComponent**.component element. Click **OK** twice.

🗑 New NSF Component						
NSF Component						
Choose a new NSF-based component for use in your application						
Component Name:	ЛуБсгарbook	Translate				
Component Description:	Locate Object	? 🗙 ^{ste}				
Notes URL:	Kind of object	;e				
Please select a category	for the Component					
Category General	Application	۷				
	xScrapbook 🔽					
	Filename imu1vm07/wtslabs!!xScrapbook.nsf	127777				
	Component					
?	MyViewComponent.component	▼ tel				
	OK Cance					

Note: You might notice the effect that, although you have selected the Scrapbook application on the server, the **Filename** still points to some other database. This effect has been reported to mostly occur in a VMWare scenario. To fix it, proceed with the following steps:

- Close both Domino Designer and Lotus Notes.
- Shutdown Lotus Domino (quit on the console) and restart the server.
- Open the Composite Application in Notes and try again.

If this doesn't work, add the component manually to the Notes URL field. The URL has the following format:

Notes://DOM85/<ReplicaID>/MyViewComponent.component

Example: Notes://DOM85/862576D60035466C/MyViewComponent.component



11. Drag the **MyScrapbook** component from the right-hand palette into the empty middle area of your screen and drop it there. The result should look like this:

😡 Editing: Blank Applicati	on				X
File Edit View Tools Help					
Blank Page 🛛 🗙					
Page Navigator 🛛 📲 🚍	Blank Page		₩ 🖬 + 🛛 🖿 🗎	Component Palette	*=
Blank Application					
🖃 🔄 Blank Page	Lotus.			Palette: My Palette	~
P MyScrapbook					
	Home Profile Results			🧀 General	400
				MyScrapbook	
	No search criteria provided.				
Sidebars 🔤 🚍					
Drag components from the palet					
right sidebar for your application					
Dight Sidahar	FullName 💠	TimeZone	Email	-	
	Max Muster	GMT	mm@mustermanns.de		
Left Sidebar					
					_
				▼ Component Filter	
				Starts with 👻	
< >	<)	>	Filter 0	<u>Ilear</u>

12. Click **File > Save and Close**. The application is getting opened in Notes.

en 🦆 🕒 💣 Home 🛛 🛪	🗄 Blank Page 🛛 🗙		
◇ ⑧ 健・☆ 号・	1 🖨 🖨		🛛 💽 👻 Search All Mail
Lotus.			Scrapbook
Home Profile Re	sults		
No search criteria provide	ed.		
			Previous 1 Next
Max Muster	GMT	email mm@mustermanns.de	

COPYRIGHT IBM CORPORATION 2009. ALL RIGHTS RESERVED.

IBM ISV & DEVELOPER RELATIONS.



Notice that the previously displayed authentication dialog – when you tested your XPage in a web browser – has been skipped. In Lotus Notes, you are already authenticated as Domino Admin since you logged in. This ID-based authentication has been automatically mapped to the corresponding Internet authentication – a real Single SingOn!

13. Switch back to edit mode (via Actions > Edit Application), then right-click to Blank Page in the left-hand navigator. Select Edit Page Properties.



14. Name the page **MyScrapbook**.



15. **Save and Close** your application. Notice that the tab name has been changed. While having the **Scrapbook** application opened in Notes, select **Actions > Edit Application** from the main menu.



Page 8 of 30 IBM ISV & DEVELOPER RELATIONS.



16. From the right-hand **Component Palette** switch to **Component Library**.



17. Drag the Notes Mail View component to the lower end of the middle area and drop it there. The result should look like this:

记 Editing: Blank Application		
File Edit View Create Tools He	p	
Save and Close		
Open ' 🚍	Profiles - Results 😽 🗐 🔪 🚍 🚍	Component Palette
AutoSave •		← Add Component
Application	Lotus.	Palette: Component Library
Replication		
Preferences	Home Results Profile	Containers 🗠
Propercies Aic+Encer		🙀 Notes Document Container
Import	No second addate unvided	🙀 Notes View Container
Export	No search chiena provided.	🕞 PIM 🐡
Page Setup	III	💮 Notes Calendar Mini View
Print rieview Print Ctrl+P		📩 Notes Calendar Navigator
Sametime	FullName 🗢 TimeZone	🙀 Notes Calendar View
Jamedine	Joe Doe (GMT-12:00) International Date Line West	Notes Contacts Navigator
	Max Muster (GMT-12:00) International Date Line West	🙀 Notes Contacts View
	(ONT 40.000 Jule medianel Cole 1 in a 10/- at	Notes Mail Navigator
		🙀 Notes Mail View
		(iii) Notes Mail Mini View
	Y New 🕶 🚑 Reply • 🍕 Reply to All • 🖾 Forward • 📄 • 🏱 • 🛅 More • 🧟 🗧	Notes Recent Collaborations View
	Total 🔽 🦉 🎯	18 Notes SideCalendar View
		Notes Todo Navigator
	Sort by default 🔻	C→ Browser ⇔
		Managed Browser
Sidebars 👝 🚍		➢ Navigators ∞
Drag components from the palette 📥		Breadcrumbs Navigator
workspace to display them in the le right sidebar for your application.		🔍 Tab Navigator
Ingre stassa rei your uppicution		Buttons Navigator
📑 Right Sidebar		▼ Component Filter
Left Sidebar		Starts with
		Filter I Clear

18. Save and Close the editor.



Integrating E-Mail Functionality

 Switch back to Domino Designer and navigate to the MyViewComponent component. Add an event sendTo which publishes a String property. Save the component.

Events						
An event is the information this comp components. You create events in th	An event is the information this component sends (publishes) to other components or listens for (receives) from other components. You create events in the Events panel for the XPage; add the events here to define the component.					
sendTo	Event name: sendTo					
	Type: String					
	Receive event					
Add Remove	Publish event					

20. Navigate to your custom controls. Open the profileForm.



21. Next to the Email edit box, create a Send Email URL Link control.

First name:	FirstName]
Last name:	LastName]
Email:	Email	[™] Send Emai
Time zone:	TimeZone💌	

COPYRIGHT IBM CORPORATION 2009. ALL RIGHTS RESERVED.

Page 10 of 30 IBM ISV & DEVELOPER RELATIONS.



22. Assign a new **client**-side **Simple Action** to that link. From the **Category** dropdown, select **Component** and let the link publish our new component property:

	🔿 add Cincela Ar	
The Home	Maa Simple Aa	
Profile l	Virial Property Valu	e is a required argument
4J	Cabaaan Camaa	
··	Category: [Compo	
:⊢irst nam∈	Action: Publish	Component Property
Last name	Arguments for th	is Action
Email:	Event Name:	sendTo
Gender:	Event Value:	♦ .
DOB:	Type:	String V
Country:		
lime zone		
About me:		P
	The property yell	e to be publiched
Decign Source		
Properties	?	OK Cancel
Events		
□ □ · Ø Mouse	e -lick	
∽ on	mousedown	Add Action Add Group Edit Remove
- 🖉 on	mouseup	
S on	mouseover	Action Arguments

23. Select **Compute value...** to specify the **Event Value**.

Arguments for	this Action			
Event Name:	sendTo		\diamond	
Event Value:			۰.	. Una stationaliza
Туре:	String	•	<	Compute value
				·····



24. Add the following cod (you might copy it from C:\MyLabFiles\C&P.doc):



- 25. Click **OK** and save the XPage. Back in Lotus Notes, turn your application into edit mode again.
- 26. Right-click on the MyScrapbook page, then select Wiring from the menu.







27. Click the **Disable strict type checking** button on the lower end of the page. Then, drag the **sendTo** property from **MyScrapbook** onto the second **Create new memo using...** action of the **Notes Mail View**.

MyScrapbook 🖹	 Notes Mail View Create new memo using email Create new memo using email
	 Create new memo using string Create new memo using string Filter View by Category Search in View

28. Close the **Wiring** tab, then **Save and Close** the editor. The application comes up in Notes. Open a profile (e.g. Max Mustermann) and click on **Send Email**. A new mail should be created.

Send	Send	and File	Save as Draft	Delivery Options	▶ •	0	Display▼	More 🕶
		<u>To</u> : Cc:	mm@mustern	nanns.de,				
		Bcc:						
		Subject:	How are you?					
Hi, h	ow are	you?						



29. Navigate back to the **MyViewComponent** component in Domino Designer. Add a second event **authorEvent**, which consumes a property sent from outside.

Events		
An event is the information this co components. You create events in	mponent sends (publi) the Events panel for	shes) to other components or listens for (receives) from other the XPage; add the events here to define the component.
sendTo authorEvent	Event name:	authorEvent
	Type:	String
	Receive e	event
Add Remove	🔲 Publish ev	vent

- 30. Save the component. Then, right-click to the **Custom Controls** element in the navigator and select **New Custom Control**.
- 31. Name the new control **authorEventHandler**.

👰 New Custo	om Control	X
New Custor	m Control	
Name:	authorEventHandler	
Comment:		
Application:	xScrapbook : \\imu1vm07/wtslabs\xScrapbook.nsf	•
?	OK Ca	ncel



32. From the Events tab, create a New Component Event.





Page 15 of 30 IBM ISV & DEVELOPER RELATIONS.



33. We will add two Server-side **Simple Actions** there. First, let the event trigger a script execution:

🝘 Add Simple Action	×
 Enter values for simple action arguments 	
Category: All	-
Action: Execute Script	
Arguments for this Action Language: JavaScript (Server Side)	
Condition:	
<pre>var author = context.getSubmittedValue();</pre>	<u>^</u> \$1
sessionScope.nameToSearch = author;	
	Þ
Specifies the script expression to be executed.	
0	OK Cancel

34. Second, let the event open the **results** page.

👰 Add Si	mple Action			×
i Ente	r values for simple	e action arguments	;	
Category	All			_
Action:	Open Page			•
Argume	nts for this Action			
Name of	page to open:	results		▼ ♦
Target o	document:			• ÷
Docume	nt ID:			▲ ◆ ▼
Name of	the page to open			
?			ОК	Cancel



35. Save and close the newly created custom control. Open the **container** custom control. Drag the **authorEventHandler** custom control to the end of the current control.

				~			lect 💫 Select
Lotus.				S	crapbook		📑 Other
·							🔠 Core Controls
Home	Results	Profile					Ia Edit Box
						-	🛅 Rich Text
N cont	entArea						🛄 Multiline Edit Box
							🔲 Button
 K							📃 List Box
							📋 Combo Box
							🖌 Check Box
							8 Radio Button
							🔁 Container Controls
							🔲 Panel
							🛅 Repeat
-							🔲 Include Page
gn Source				\searrow			🏢 Table
Properties	× 🚈 Events	🗙 🚼 Probl	ems (0 items) 🛛 🗙			=	Tiew View
ents		Server			<		🖶 Data Table
🗿 Page		Simple A	ctions O Script Edit	or			🛅 Tabbed Panel
S befo	rePageLoad PageLoad			- 12 D	- Server Options		🛌 Section
- 🖇 after	RestoreView	Add Action	Add Group	Ear Remove	Full Update	\searrow	🚖 Custom Controls
- 🖇 befo	reRenderResponse	Action	Arguments	↑	Partial Update	Sele	🔲 authorEventHandler
····· 灾 after	RenderResponse	Simple	Action:				

36. As the result, you should see the embedded custom control both on the page and as part of the **Outline**.



37. Save and close the current custom control.

COPYRIGHT IBM CORPORATION 2009. ALL RIGHTS RESERVED.

Page 17 of 30 IBM ISV & DEVELOPER RELATIONS.



- 38. Back in Lotus Notes, edit your Composite Application again. Right-click on the **MyScrapbook** page, then select **Wiring** from the menu.
- 39. Right-click on the Notes Mail View component and click on Select as wire source.

MyScrapbook 🗐	Rotes Mail Here Select as wire source Create new memo using email
	🍉 Create new memo using 🔀
	 Create new memo using string
	 Filter View by Category
	⊙ Search in View

40. Drag the **From** property from the **Notes Mail View** onto the **authorEvent** action of the **MyScrapbook** component.

Source	Notes Mail View		₩y5crapbook	
	Common name changed ConfidentialString CopyTo DeliveredDate		∕⊚ authorEvent	×
	Email address changed			

41. Close the Wiring editor, then Save and Close the Composite Application Editor.



42. From the application, create a Scrapbook **profile** for yourself: Domino Admin.

Profile Results
Domino
Admin
dadmin@dfw.ibm.com Send Email
(GMT-12:00) International Date Line West
n n + a D b i U S = =
1

43. From the **Inbox** component, create two new mails: one sent to yourself (Domino Admin), the other one sent to someone you might imagine (e.g. muster@mm.com). At least one of the mails should contain the name of an (English) colleague - John Doe is a good example. The purpose of this will become more clearly in the next lab.

-	<u>To</u> :	Domino Admin/ibm@sdltus,
	Cc:	
	Bcc:	
	Subject:	Hi Admin
	From:	Domino Admin/ibm - Saturday 11/28/2009 07:20 AM

Hi,

just got the following document from John Doe:



Regards —

44. After sending, you should have two mails in your inbox (OK, the second one is a router-generated delivery error, but just to show...). Click on the mail you have sent to yourself.



45. The corresponding profile from Scrapbook should be opened, while the search for "Mail Router" doesn't return any match.

Lotus	s .		Scrapbo	ook
Ho	ome Pro	ofile Results		
Pr	rofile search	results for: Domino Admin		
			Previous 1 I	Next
Fu	ıllName 💠	TimeZone Em	nail	
Do	mino Admin	(GMT-12:00) International Date Line West dad	1min@dfw.ibm.com	
		- /		
🔁 New 🔻	🔹 🚑 Reply	• 🥪 Reply to All • 🗟 Forward • 📄 • 🕨 • 前 More • @ 📿 •		Bhow 🔸
🖾 🛿 Sende	er /	▶ Subject	Date	Size 🖉 🗭
🕸 Do	omino Admii	n Hi Admin	11/28/2009 07:20 AM	1K
☆ <mark></mark> ₩.	ail Router	DELIVERY FAILURE: No route found to domain mm.de from server DOM85/IBM. Check Server, Connection and Domain documents in the Domino Directory.	11/28/2009 07:21 AM	2K
		li Admin D <mark>omino Admin</mark> to: Domino Admin	11/28/2009 <u>She</u>	07:20 AM ow Details
Hi				



Page 20 of 30 IBM ISV & DEVELOPER RELATIONS.



Overview – Description of the next steps...



If you have reached this section, it's time for a short break. During the next five minutes, the instructor will provide a short summary of what we will do next – and why...



Page 21 of 30 IBM ISV & DEVELOPER RELATIONS.



Working with Widgets

46. Open the Lotus Notes preferences by selecting **File > Preferences**.

🐨 Inbox - IBM Lotus Notes				_0.
File Edit View Create Actio	s Tools Window Help			
New	Started 🗙 💣 Home 🗴 📾 Workspace 🗴 🖽 MyScrapi	book ×		
Open •				1 - 11
Close Esc			II 🔄 🔹 Sear	/ch All Mail
AutoSave •			Coronk	
Application •			Scrapt	
Replication				
Locations •	Profile			-18
Import				
Export				
Page Setup	for: notes admin			
Print Preview				
😔 Print Ctrl+P				
Desfaurance			Previous '	1 Next
Properties Alt+Enter	TimeZone	Email	# Friend	ds
Security	(GMT-12:00) International Date Line West	nadmin@wtslabs.com	0#	
Sametime 🕨	(
Close All				
Exit				
Now - E Poply - E	onlute All a 🖼 Fernuard a 🕞 a 🕞 a 🚔 More a 🙆 🔾 a			Chow -
🗍 idem - 📥 identity - 🚸	epiyto Ali + Corrolward + 🛄 + Pr + 🛄 More + Gr 📿 +			SHOW *
🖾 🛚 Who 🛛 👂	ubject		Date	Size 🥔 🖻
notes admin				1K
🖈 Mail Router	ELIVERY FAILURE: No route found to domain mm.de from server	IMU1VM07/WTSLABS. Check Server,	19.11.2009 07:28	2К
	onnection and Domain documents in the Domino Directory.			
	• •			

47. Navigate to the Widgets section. Enable the Show Widget Toolbar and the My Widgets Sidebar panel option.



COPYRIGHT IBM CORPORATION 2009. ALL RIGHTS RESERVED.

Page 22 of 30 IBM ISV & DEVELOPER RELATIONS.



48. Save and close the preferences. Notice the new **My Widgets** sidebar component. From the upper right component header menu, select **Get Started...**

	A Widgets	¥E
Catalog		
Get Started	Vidget from	
Configure Co	ntent Type	

49. Our widget will consume a Web Page, therefore select the Web Page option.

Where is the information you want to use to create your widge	et? –
O Notes View, Document, or Form	
Web Page	
C Feed	
C Google Gadgets	
C Features and Plugins	

50. Specify <u>www.yasni.com</u> as our Web source.

Start by opening the web page that contains the data (form).
 Browse the Web
 Web page by URL:
 http://www.yasni.com

- 51. Specify a HTTP POST as the submit option of choice.
 - 🔿 This Web Page: Build a widget from this web page (HTTP GET) 👘
 - From a form on this web page: Build a widget from a form on this web page (HTTP POST)

COPYRIGHT IBM CORPORATION 2009. ALL RIGHTS RESERVED.

Page 23 of 30 IBM ISV & DEVELOPER RELATIONS.



52. From the list of forms, select the one available. Click Next.

Form: Form First name & last r	name			
yasni.com	People Search	Create Profile	Tools	Help
People Search				

53. Navigate to the **Advanced** tag and enable the **Configure name** property.

Basic Advanced				
Select the preference component. The use	es you war r will be pr	nt to be configurable and mark required an rompted to fill in values for any settings the	y settings that must be set before displaying th at are required if no default value is specified.	e
Configure:	Require:	Display name:	Default value:	
Configure name		name		Edit
Configure filter		filter	Stichwort	Edit

54. Finish your widget creation.





Integrating XPage Components and Widgets

55. Open your **MyScrapbookCA** application in Composite Application Editor (via **Actions > Edit Application**). Select **My Palette** from the right-hand menu and notice the now available widget you created before.

Profiles - Results	👻 💷 - 🖃		Component Palette	₹Ξ
l otue	-	1	✓ Add Component	
			Palette: My Palette	
Home Results Profile			🔁 General	0
			MyScrapbook	
			🔁 My Widgets	0
Profile search results for: notes admin			Personen / Info zu Name - Personen- Suchmaschine yasni.com	

56. Drag the newly created widget component and drop it next to the mail component.

Profile	es - Results		# Tav I		Component Palette	¥≣
	otus.	updating application.	•	H	✓ Add Component	
	R	efresh Application			Palette: My Palette	-
	Home Home				🔁 General	0
					MyScrapbook	
	Profile				🔁 My Widgets	0
	Frome				Personen / Info zu Name - Personen- Suchmaschine yasni.com	
	FullName 💠	TimeZone		Е		
	Notes Admin	(GMT-12:00) Interr	national Date Line West	n:		
•						
Inbox		i =	Composite Application Editor Place	- = ×		
2 N	ew 🔹 🚑 Reply 🔹	🐺 Reply to All 🔹 👘	Please wait, saving application			
	▼ Max	-				
,						
		Sort by default 👻				
	notes admin Hi Admin	19.11.2009 07:25				
*	Mail Router	19.11.2009 07:28				
	DELIVERY FAILURE	: No route found to do				

COPYRIGHT IBM CORPORATION 2009. ALL RIGHTS RESERVED.

Page 25 of 30 IBM ISV & DEVELOPER RELATIONS.



- 57. Save and Close the editor.
- 58. Back in Domino Designer, navigate to the **MyViewComponent** component. Add a new publishing event **searchTopic**.

Events	
An event is the information this components. You create events in the	ponent sends (publishes) to other components or listens for (receives) from other ne Events panel for the XPage; add the events here to define the component.
sendTo authorEvent	Event name: searchTopic
search l'opic	Type: String
	Receive event
Add Remove	Publish event

- 59. Save the component, and then navigate to the searchResults custom control.
- 60. Select the **View** element, then, from the **Properties** tab, open the **All Properties** section.
- 61. Navigate to **data****var** and name the view collection variable **rowData**.





62. Right-click to the **Email** column of the view and select **Insert Column** from the menu.

			Previous	1]2]3]4]5 Ne
FullName ≎	TimeZone	Email		
<u>FullName</u>	TimeZone	Email		
		Select Pag	e	1
		Undo	Ctrl+Z	
		Redo	Ctrl+Y	
		🔀 Cut	Ctrl+X	
		🕒 Сору	Ctrl+C	
		📋 Paste	Ctrl+V	
gn Source		Delete		
Properties 🗙 / 🖉 Eve	nts 🗙 🖹 Problems (O item	ns) × Select View	٧	
ents	Client D Server	Insert Colu	umn	
Mouro		Append Co	olumn	

63. Navigate to the View Column Header section of the Properties and label it Search Yasni.

Properties ×	🔁 Events	🗙 🛃 Problems (0 items) 🛛 🗙
View Column Header	Name:	viewColumpHeader5
Style	radino.	Memebiannin leaders
Font	Label:	Search Yasni 🔷
Background	Width:	🔷 Units: 💽 🗢



64. Select Data from the column properties.



65. Add the following Computed value code:



66. From the Events tab, add a Client-side Simple Action.

🔲 Properties 🗙 🞜 Events	🗙 🖹 Problems (0 items) 🗙	
Events	Client Server	
Mouse Image: Second	Simple Actions O Script Editor Add Action Add Group	lit Remove
	Action Simple Actions Root	Arguments





67. We will publish our component property **searchTopic** there:

🧑 Add 🧐	5imple Ac	tion	x
🔕 Pro	operty Valu	e is a required argument	
Categor	y: Compo	nent	-
Action:	Publish	Component Property	•
Argum	ents for th	is Action	
Event	Name:	searchTopic	\$
Event	Value:		\$
Type:		String	۰

68. Add the following Event Value code:

pt (Server Side)	~
ally 🔘 Compute	on Page Load
tColumnValu	e("FullName");
	pt (Server Side) ally OCompute tColumn Valu

69. Let the property get published by clicking a link:



70. Save and close the **searchResults** custom control.



71. Back in Lotus Notes, open your Composite Application in edit mode. Open the **Wiring** editor again. Connect the **searchTopic** property to the **name** action.

Source	
MyScrapbook	Personen / Info zu Na 🛥 🗐
📎 searchTopic	🐚 name 🛛 💥
뇧 sendTo	

72. Re-arrange (if you want) and test the resulting application.

Lotus.				Scrapbook	
Home Resu	its Profile				
Profile search n	esults for: Max Muster				
			F	rrevious 1 Next	
FullName 💠	TimeZone	Search Yashi	Email	# Friends	
Max Muster	(GMT-12:00) International Date Line West	Who is Max Muster?	max.muster@de.ibm.com	0#	
on suchen > Max	r - Personen / Infos zu Na ax Muster		Alle Perso	nen/ 8 x Name "Mus	
Max Muster Infos zur Person Kennen Sie auch? [7]		?]			
Person [7]		Suche in 💻 🚍 🖬 😹	Computer Shop Fritz	Beispiel	
VTP Max Muster 01		Ω	Ergebnisse filtern na	Ergebnisse filtern nach: [?]	
		Ich bin Max Muster	21-23 21-23D-0815 22 Amtsgericht Muste	3D-0815 Address Yrhausen Austria	

5 Summary

You became familiar with the approaches and tooling to create a Composite Applications that consist of both NSF and XPages components. You wired these components and enabled them to communicate with each other.

