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## About this tutorial

The following tutorial will demonstrate how to hide or show controls using JavaScript. The tutorial will describe how to:

- Include a custom JavaScript file that the Nintex form can reference and use the functions within the form.
- Configure a radio button control to display a selected panel.

This tutorial assumes that the user has a basic knowledge of designing forms with Nintex Forms 2010. If not, please refer to the following tutorials for more information:

- a) Designing a Nintex Workflow Start Form
- b) <u>Designing a List Form</u>









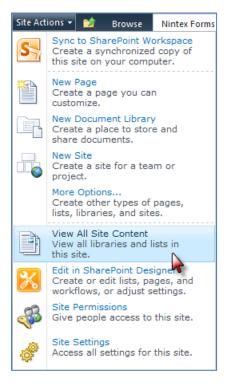
# **Upload the JavaScript File**

For the purpose of this tutorial, we have provided a JavaScript file. Please find the JavaScript file here: <u>http://nintexdownload.com/sl/supportfiles/ConditionalDisplayOfControl.zip</u>.

The JavaScript file will be uploaded to SharePoint so that it can be referenced within the Nintex form's settings.

Note: If the form is to be published to Nintex Live, please upload the JavaScript file to a publically accessible location or include the contents of the file directly in the custom JavaScript section in Form Settings.

1. Navigate to **Site Actions** in the same site that the form is to be designed and select **View All Site Content**.



2. In the Document Libraries section, select Style Library.

Site Actions 👻 🐋				Administr	ator +
Displays all site		Content I libraries in this site.		ی I Like It	Tags & Notes
Home			Search this site	٩	0
Libraries Site Pages	Cre	eate 🎸 Site Workflows	Vie	w: All Site O	ontent 🕶
Shared Documents			Items Last Modified		
	Docum	ent Libraries			
Lists Calendar		Customized Reports	This Document library has the templates to create Web Analytics custom 0 2 weeks ago  ceports for this site collection		
Tasks	<b>E</b>	Form Templates	This library contains administrator-approved form templates that were 0 2 weeks ago activated to this site collection.		
Expenses	<b>B</b>	Shared Documents	Share a document with the team by adding it to this document library. 0 2 weeks ago		
Department Roles CostCentreCode		Site Assets	Use this library to store files which are included on pages within this site, 0 2 weeks ago such as images on Wiki pages.		
	۲	Site Pages	Use this library to create and store pages on this site. 2 5 days ago		
Test1 Customer	<b>B</b>	Style Library	Use the style library to store style sheets, such as CSS or XSL files. The 3 33 minutes ago style sheets in this gallery can be used by this site or any of its subsites.		
Customer	Picture	Libraries			



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3. In the Style Library, click Add document.

Site Actions 👻	eż e	Browse	Library Documents						Administrator
	Upload Document	New Folder		La Check Out La Check In La Discard Check Out	View Properties Properties X Document Permissions	E-mail a Link	Download a Copy Go To Source	Workflows Publish	we/Reject I Approval
	New			en & Check Out	Manage	Share & Track	Copies	Workflows	Tags and Notes
Libraries			Туре	Name			Modified	Modified	Ву
Site Pages			8	jquery.SPSen	vices-0.6.2.min		2/15/2012 10:46 AM	Administ	rator
Shared Doc	uments		2	myFunctions			2/16/2012 11:49 AM	Administ	rator
Lists		+ /	Add docume	nţ					
Calendar				►					

4. In the Upload Document dialog, select Browse and locate the provided JavaScript file. Click OK.

Upload Document		□ ×
Upload Document Browse to the document you intend to upload.	Name: Upload Multiple Files Voverwrite existing files	Browse
	ОК	Cancel

The JavaScript file has now been uploaded and can be used for the tutorial.





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## Using JavaScript to hide or show a control based on the selection of a radio button

As an example, the "Customer Survey" form below will be used to demonstrate the use of JavaScript and radio buttons to display a specific panel based on the selection of the radio button.

Once all the customizations for the form have been completed, different panels will display based on the radio button selected. In the example below, ABC Clothing has been selected and the question relevant to that company is displayed. A different question would be visible to the user, if DEF Shoes or GHI Homewares were selected.

Customer Survey - New Item						
Edit						
Submit Cancel Paste	ABC Spelling					
Commit Clipboard	Spelling					
Customer Survey		<u></u>				
Name						
Contact phone number						
Gender	Male	•				
Age	26-40	•				
Which store did you visit?	ABC Clothing DEF Shoes GHI Homewares					
How often do you shop at ABC Clothing?	1-2 times a week	•				
	Submit Cancel					

Note: To hide a section of the form, use the Panel control to group the relevant controls together. For more information, refer to the <u>Panel</u> control.



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#### **Configure Form Settings**

Before we configure the individual controls, we need to configure the form's settings to include the JavaScript to be used with the form. The JavaScript file contains the function to hide and show a control. The JavaScript function defined in the file will then be used in the form's Custom JavaScript setting.

1. In the Nintex Forms 2010 Ribbon, click on the Settings button.

Site Act	ions <del>-</del> j	🖄 Br	owse	Nintex Forms 201	0														Adr	ninistrator •
<b>Save</b>	Publish	Close	Preview	🖒 Reset 🗙 Delete Form	Timport	Export	Paste	Create Column	Settings	Live Settings	Desktop	Smart Phone	WP7	<b>2</b> iPhone	2 Android	iPad	BlackBerry	E Replace With Layo	ut Workflow Settings +	? Help
		For	rm		Import/	/Export	Clipboard		Settings	2					Layo	outs			Workflow	Help
Form and layout settings Search  Formand layout settings Configure settings for this form and																				
			L.					1115201	layou	t, includin m javascrip	g form styl		u							

- 2. Click on the **Advanced** section.
- 3. In the **Custom JavaScript Includes** field, enter the following JavaScript file:

/Style%20Library/ConditionalDisplayOfControl.js

Note: If publishing to Nintex Live, the JavaScript file must be an absolute URL and publically accessible or its content included directly in the Custom JavaScript section below.

Settings - Form		□ ×
General		
Save Cancel Help		
Commit Help		
Appearance		^
Advanced		
Redirect URL		
Target user agents		
Custom CSS includes		
Custom JavaScript Includes	/Style%20Library/ConditionalDisplayOfControl.js	
		_
Custom CSS		
+ Custom JavaScript		





#### 4. Click on the Custom JavaScript textbox, type the following JavaScript syntax:

NWF\$(document).ready(function() {

EnableConditionControlOnView(PanelToShow); DisplayControlConditionally(".panel1", PanelToShow, 1); DisplayControlConditionally(".panel2", PanelToShow, 2); DisplayControlConditionally(".panel3", PanelToShow, 3);

});

The EnableConditionControlOnView is used to enable the radio buttons when in display mode. Otherwise they would be disabled and not available as navigation in display mode. The parameter it is provided is a JavaScript variable containing the client id of the Radio Button control.

The other JavaScript function sets up the show and hide of the relative panel. The first parameter is a JQuery selector to find the panel you want to hide or show. The second parameter is a JavaScript variable containing the client id of the radio buttons or control you want to trigger the hide or show from. The last parameter is the value returned from the radio buttons in order to show the selected panel.

Settings - Form		□ ×			
General					
Save Cancel Help					
Commit Help					
Grid cell height (pixels)	25	<u>^</u>			
Grid cell width (pixels)	25				
Canvas height (pixels)	600				
Canvas width (pixels)	700				
Snap to grid	Yes				
Show grid lines	Yes 💌				
+ Appearance					
+ Advanced		E			
+ Custom CSS					
Custom JavaScript					
		Insert Reference 🖓			
NWF\$(document).ready(function() {					
EnableConditionControlOnView(PanelToShow) DisplayControlConditionally(".panel1", PanelToShow, 1); DisplayControlConditionally(".panel2", PanelToShow, 2); DisplayControlConditionally(".panel3", PanelToShow, 3);					
});					



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The next step is to configure the controls that will remain hidden unless a user selects the corresponding radio button.

### **Configure the Panel Controls**

The panel controls will remain hidden unless the user selects the company that the panel section is connected to.

#### Configure Panel Control for ABC Clothing (panel number one)

The configurations below are to be completed for the panel control that is connected to the first radio button, ABC Clothing.

- 1. Double-click on the Panel control or right-click on the control and click Settings.
- 2. Click on the Appearance section.
- 3. In the CSS class field, type "panel1".

Control Settings - Panel						
General						
Save Cancel Help						
Commit Help						
Title		<u>8</u>				
Border style	Solid					
Border width (Pixels)	0	<u>80</u>				
Border color	#00000	90 O				
Background image		<u>80</u>				
Appearance						
Visible	Yes 💌					
CSS class	panel1	90				
Advanced						

#### 4. Click Save.

#### Configure Panel Control for DEF Shoes (panel number two)

The configurations below are to be completed for the panel control that is connected to the second radio button, DEF Shoes.

1. Double-click on the Panel control or right-click on the control and click Settings.

- 2. Click on the Appearance section.
- 3. In the CSS class field, type "panel2".



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Control Settings - Panel						
General						
Save Cancel Help						
Commit Help						
Title		<u>9</u>				
Border style	Solid					
Border width (Pixels)	0	<u>9</u>				
Border color	#000000	🏥 🥥				
Background image		<b>11</b>				
Appearance						
Visible	Yes					
CSS class	panel2	<u>1</u>				
+ Advanced						

#### 4. Click Save.

#### Configure Panel Control for GHI Homewares (panel number three)

The configurations below are to be completed for the panel control that is connected to the third radio button, GHI Homewares.

- 1. Double-click on the Panel control or right-click on the control and click Settings.
- 2. Click on the **Appearance** section.
- 3. In the **CSS class**, type "panel3".





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Control Settings - Panel						
General						
Save Cancel Help						
Commit Help						
Title		<u>50</u>				
Border style	Solid					
Border width (Pixels)	0	<u>80</u>				
Border color	#00000	🚇 🧿				
Background image		92				
Appearance						
Visible	Yes 🔻					
CSS class	panel3	90				
+ Advanced						

#### 4. Click Save.

Note: Although the panel controls are displayed when designing the form; during run time, the specific panel control will only appear when the corresponding radio button is selected.

#### **Configure the Choice control**

The next step is to configure the control that determines which hidden panel control is shown in runtime. A variable must be entered which stores the Client ID. The JavaScript will then reference this variable.

The "Which company did you visit?" Choice control will determine which panel control will be shown in runtime. Once a user selects one of the Company radio buttons, the hidden panel connected to that company will be visible to the user.

1. Double-click on the Choice control or right-click on the control and click **Settings**.

Please Note: The Choices are already generated in this control. The JavaScript

- 2. Click on the Advanced section.
- 3. In the Store Client ID in JavaScript variable menu, select Yes.



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Control Settings - Choice		□ ×
Save Cancel Help		
Connected to	Not connected	A
Display format	Option buttons	
Choices *	1  ABC Clothing 2  DEF Shoes 3  GHI Homewares	
Default value		<b>\$1</b>
Arrange choices	Across then down	
Number of columns	3	5 <u>0</u> =
Column alignment	Fixed	
+ Appearance		
Validation		
Advanced		
Help text		<u>p</u>
Store Client ID in JavaScript variable	No	
Resize at runtime	Yes No	

4. In the Client ID JavaScript variable name box, type "PanelToShow".



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Control Settings - Choice		<b>□</b> ×
General		
Save Cancel Help		
Commit Help		
Display format	Option buttons	<u> </u>
Choices *	1  ABC Clothing 2  DEF Shoes 3  GHI Homewares	9 <b>0</b>
Default value		<u>80</u>
Arrange choices	Across then down	
Number of columns	3	<u>90</u>
Column alignment	Fixed	=
Appearance		
Validation		
Advanced		
Help text		<u>30</u>
Store Client ID in JavaScript variable	Yes	
Client ID JavaScript variable name	PanelToShow	<u>1</u>
Resize at runtime	Yes	

The form is now ready to use.

Next Steps

• If you created tabs using JQuery that updated a hidden radio button control this would give you multi page or tab functionality in your form.



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