



Tutorial – JavaScript: Switching panels using a radio button

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Tutorial – JavaScript: Switching panels using a radio button

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) [Designing a List Form](#)

Upload the JavaScript File

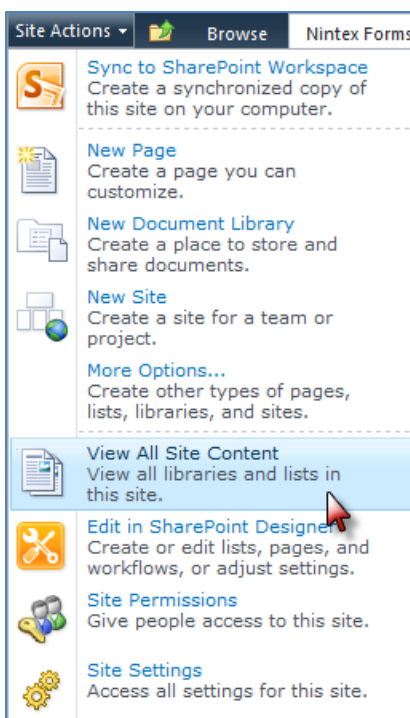
For the purpose of this tutorial, we have provided a JavaScript file. Please find the JavaScript file here:

<http://nintexdownload.com/sl/supportfiles/ConditionalDisplayOfControl.zip>.

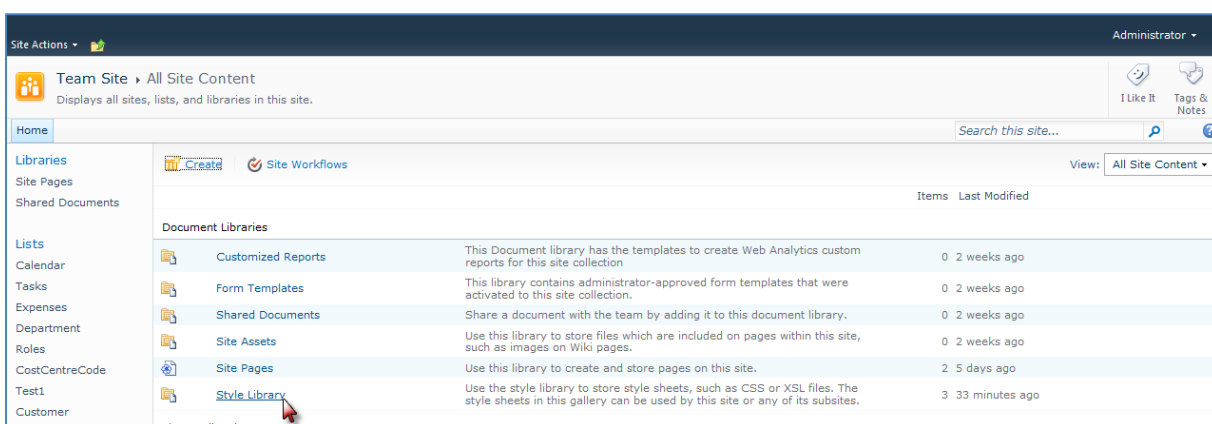
The JavaScript file will be uploaded to SharePoint so that it can be referenced within the Nintex form’s settings.

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**.

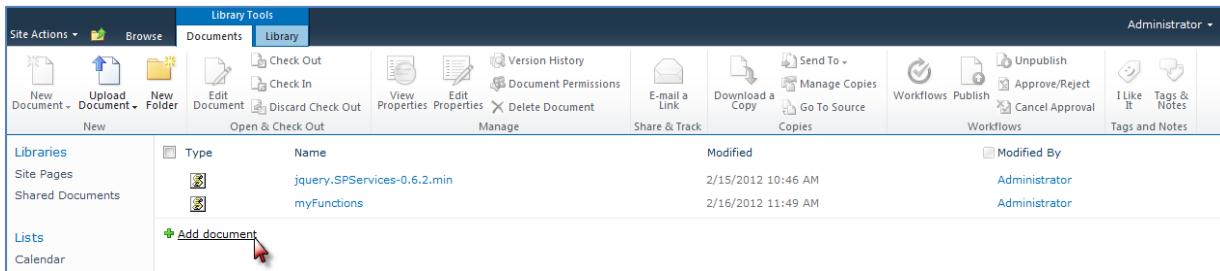


2. In the **Document Libraries** section, select **Style Library**.

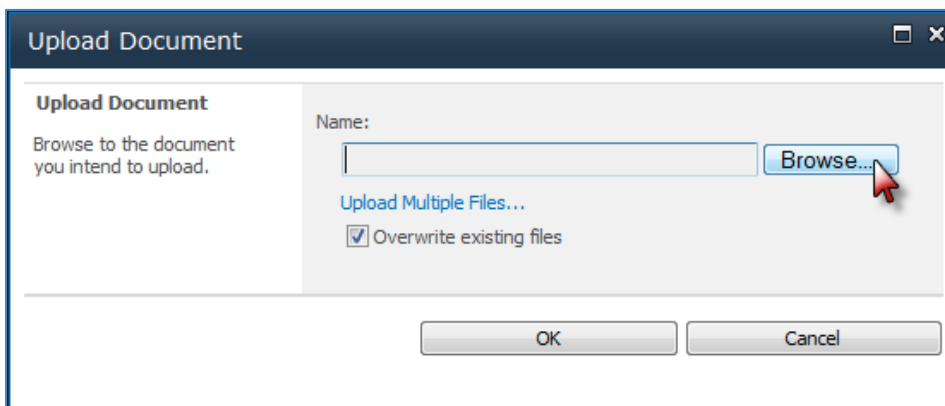


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3. In the **Style Library**, click **Add document**.



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

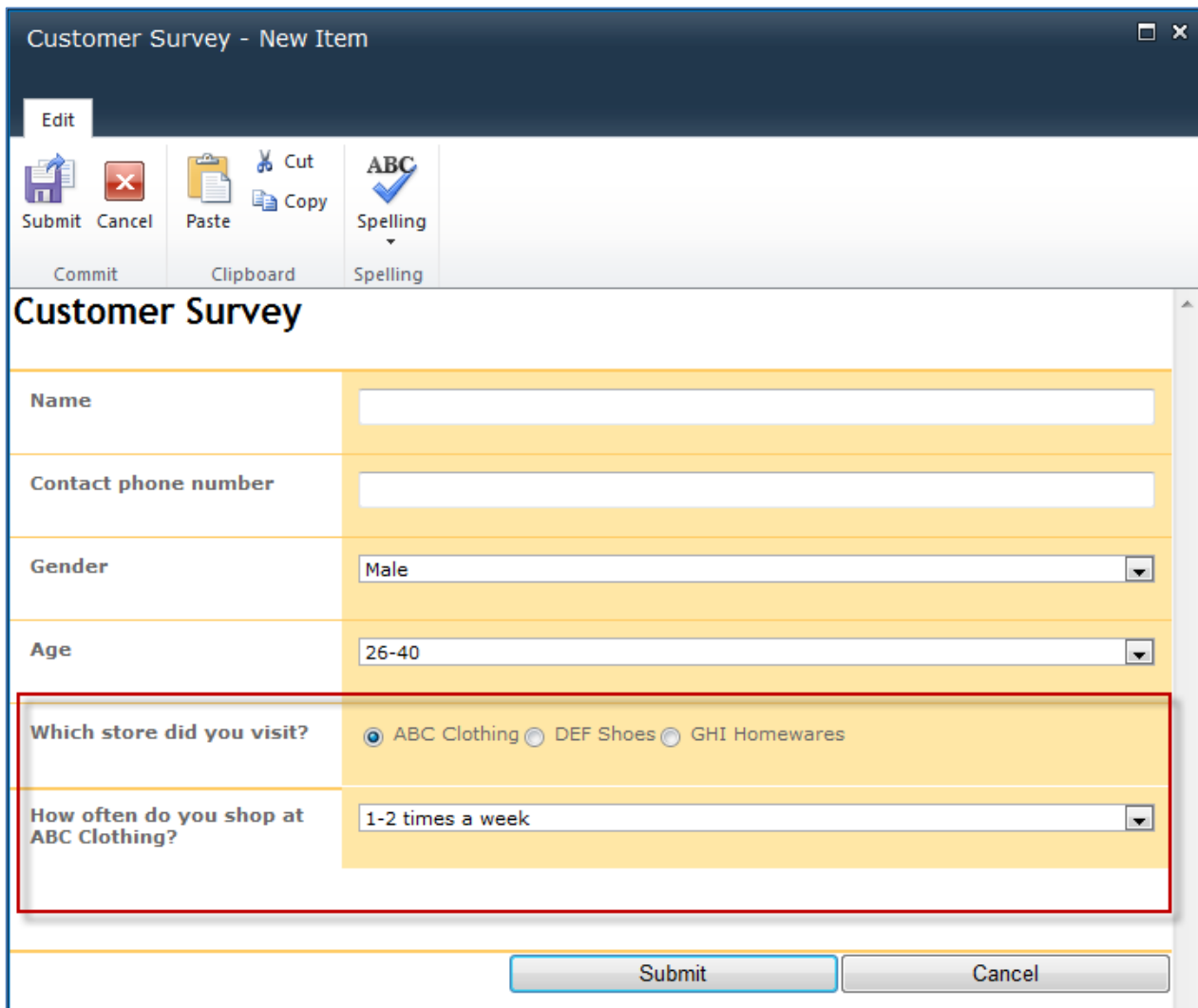


The JavaScript file has now been uploaded and can be used for the tutorial.

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.



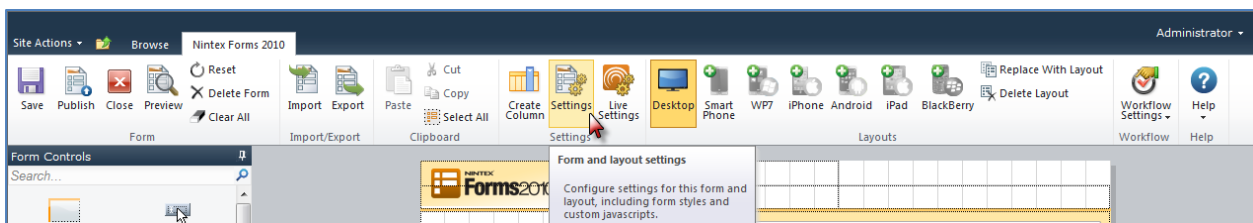
Note: To hide a section of the form, use the Panel control to group the relevant controls together. For more information, refer to the [Panel](#) control.

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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.

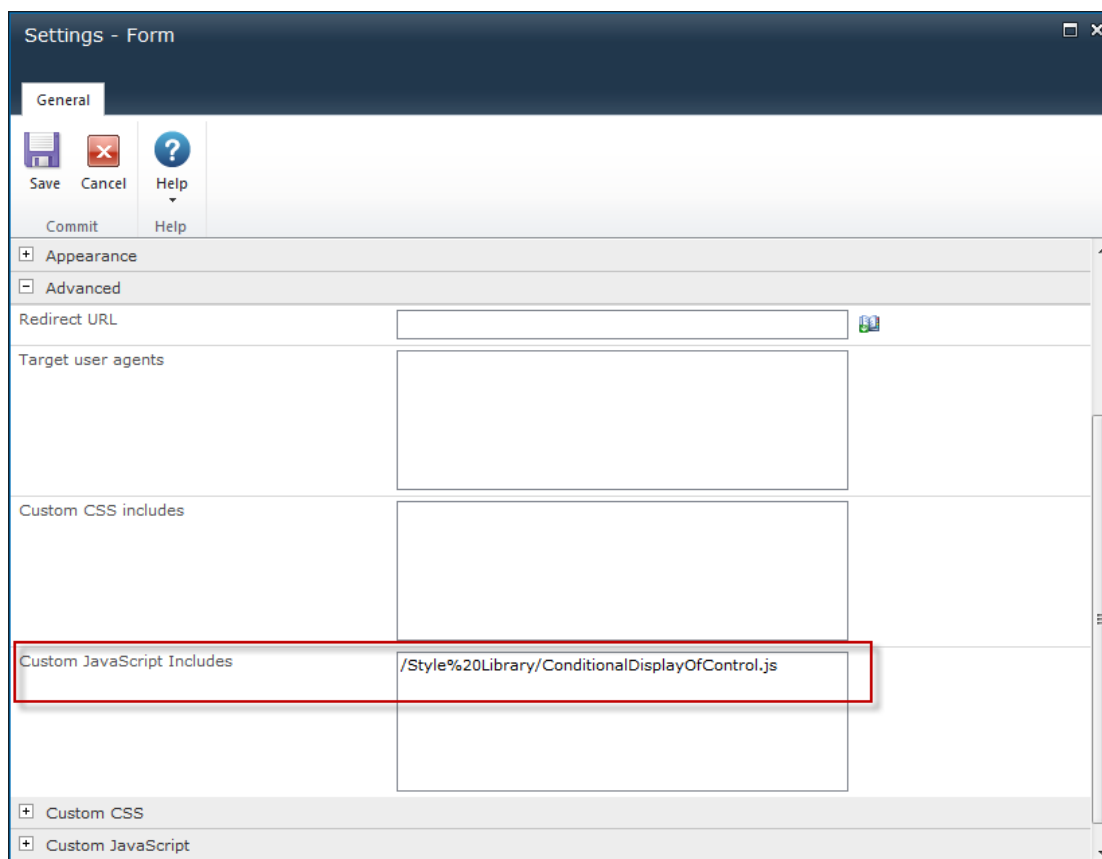
1. In the Nintex Forms 2010 Ribbon, click on the **Settings** button.



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.



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- Click on the **Custom JavaScript** textbox, type the following JavaScript syntax:

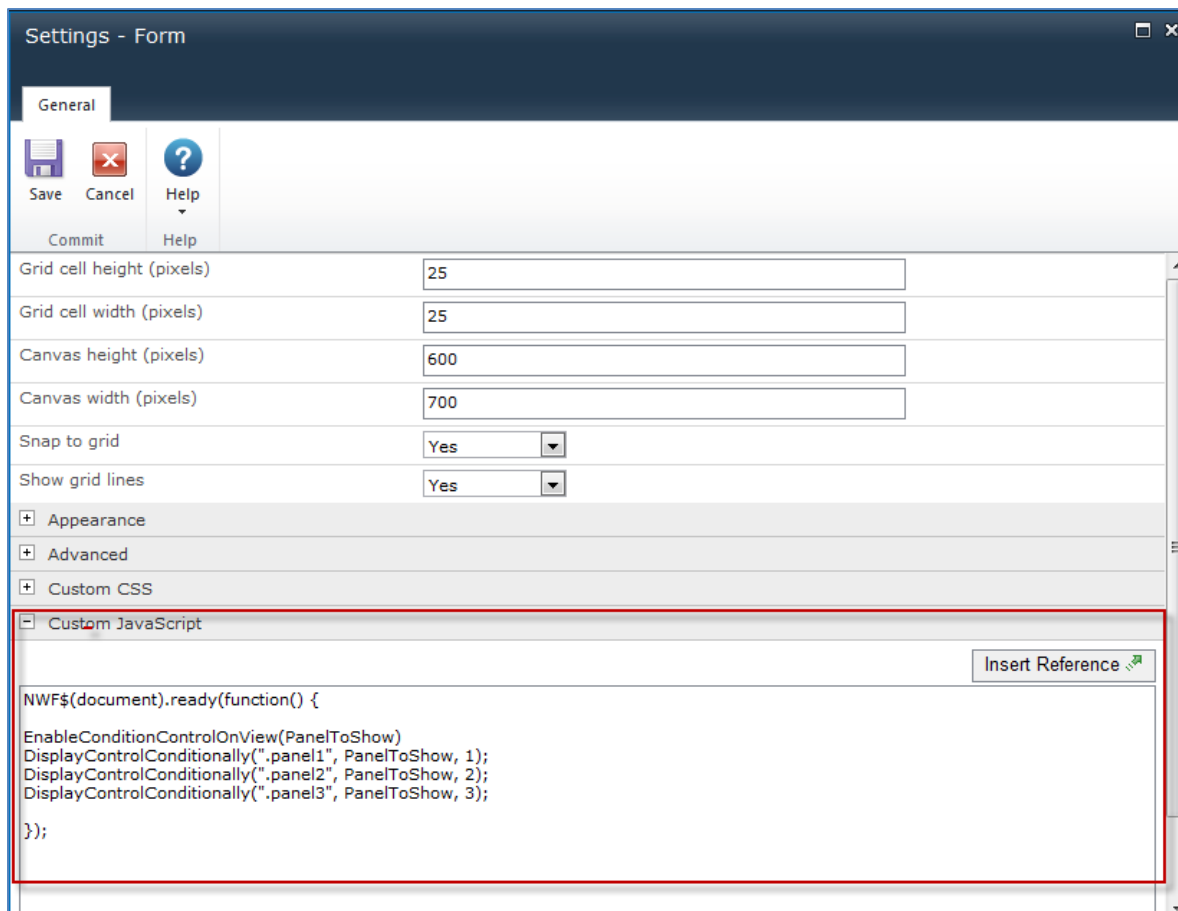
```
NWF$(document).ready(function() {

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.



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

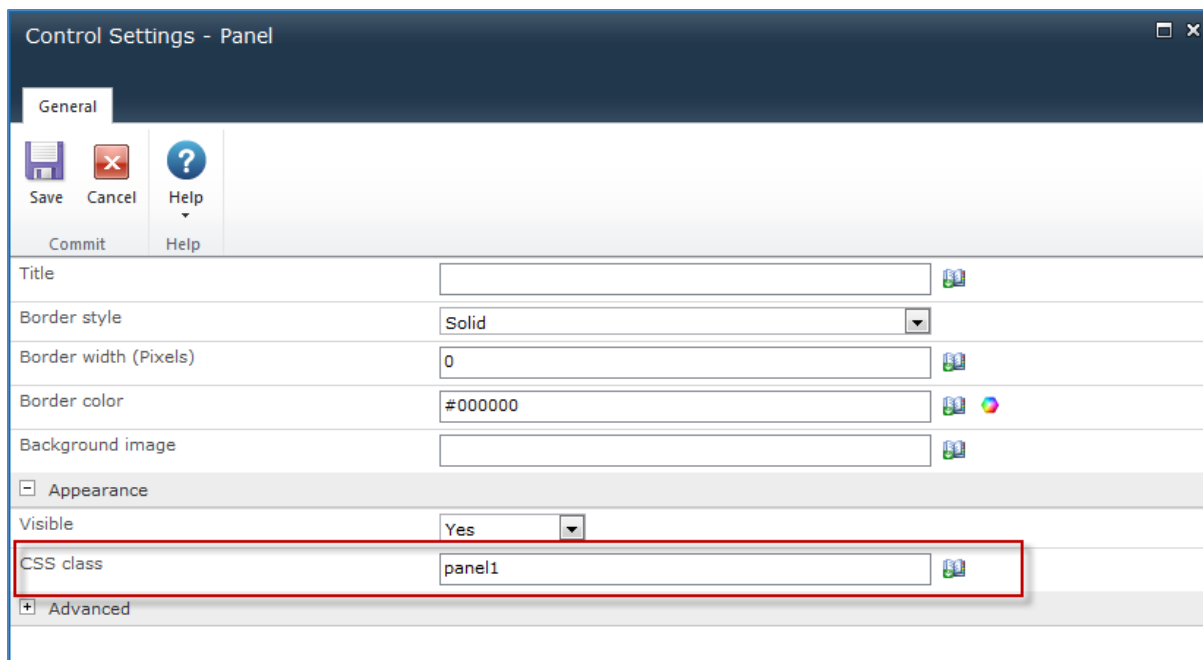
Configure the Panel Controls

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”.



The screenshot shows the 'Control Settings - Panel' dialog box. The 'General' tab is selected. The 'Appearance' section is expanded, and the 'CSS class' field is highlighted with a red box, containing the text 'panel1'. Other fields include Title, Border style (Solid), Border width (Pixels) (0), Border color (#000000), and Background image. The 'Visible' field is set to 'Yes'.

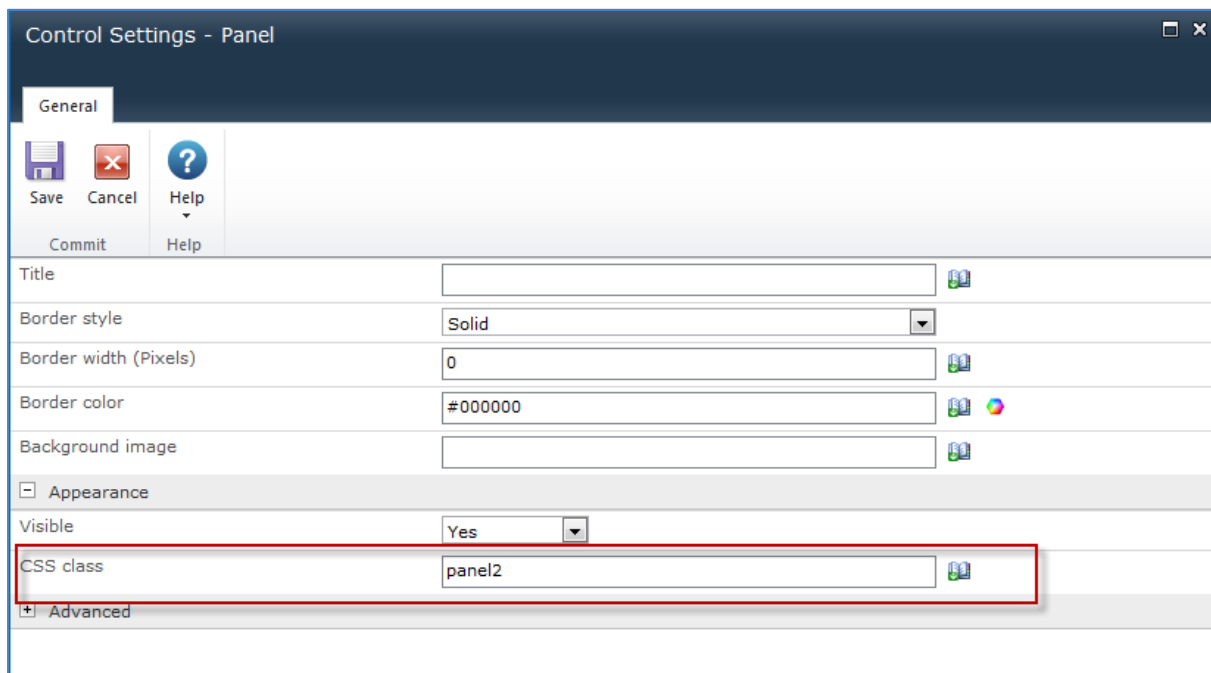
4. Click **Save**.

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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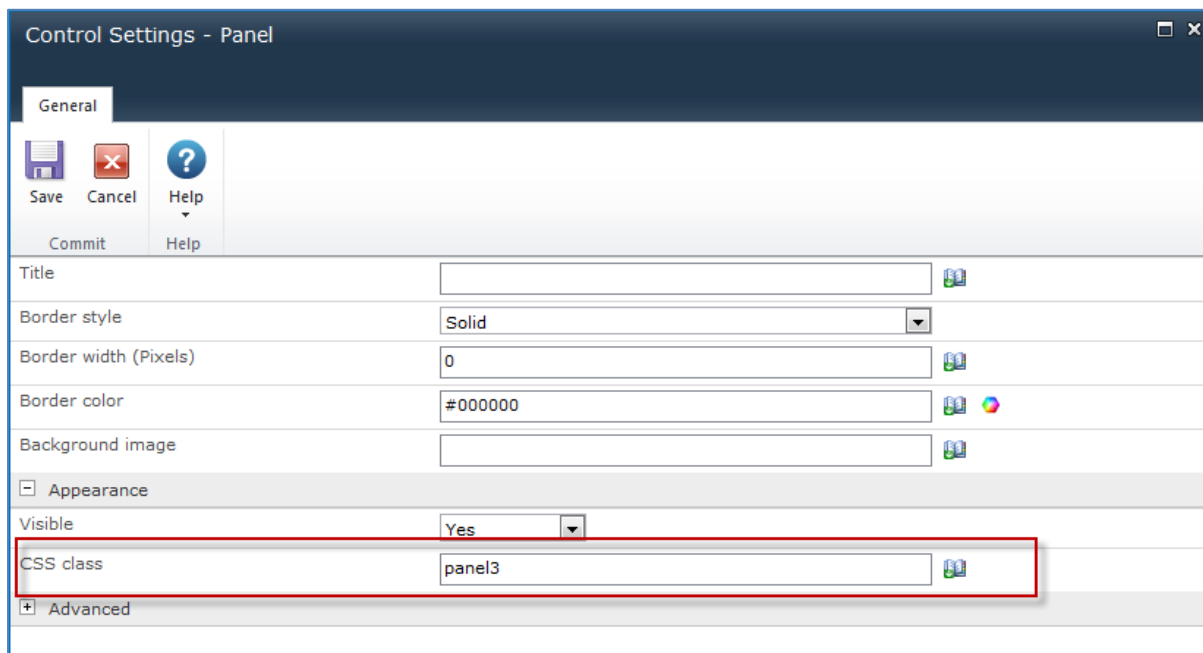
4. Click **Save**.

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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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.

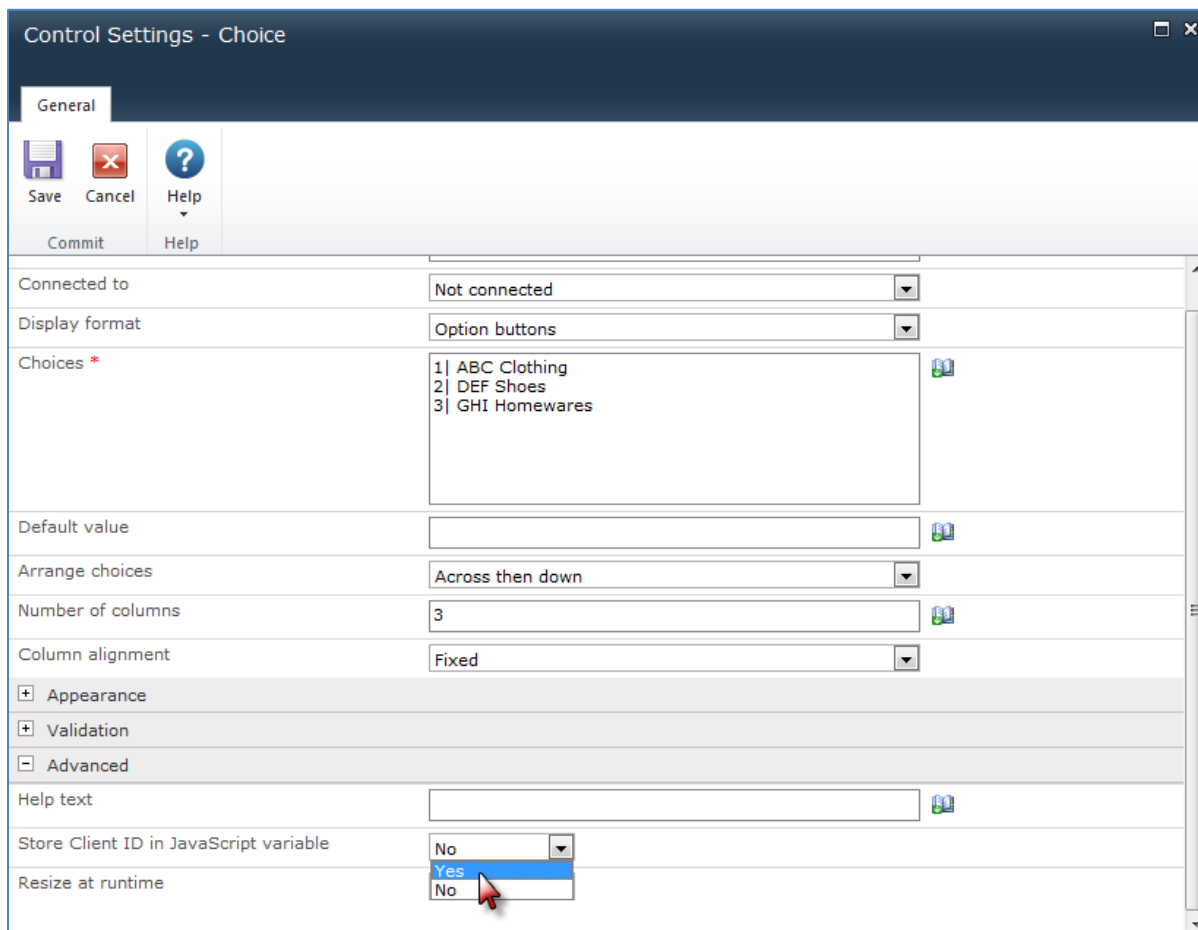
1. Double-click on the Choice control or right-click on the control and click **Settings**.

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

General

Save Cancel Help

Commit Help

Connected to: Not connected

Display format: Option buttons

Choices *
1| ABC Clothing
2| DEF Shoes
3| GHI Homewares

Default value:

Arrange choices: Across then down

Number of columns: 3

Column alignment: Fixed

+ Appearance

+ Validation

- Advanced

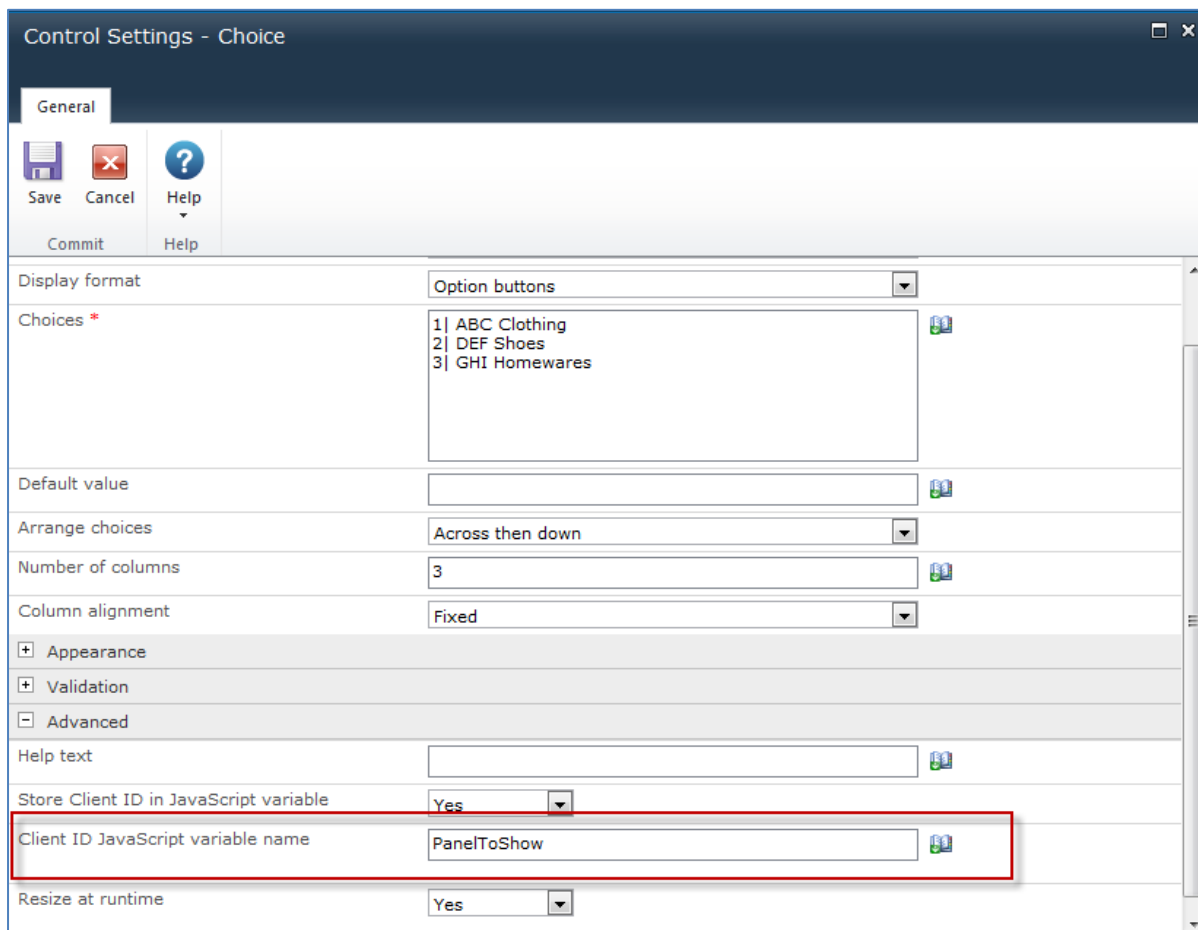
Help text:

Store Client ID in JavaScript variable: No (Yes selected)

Resize at runtime: No

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

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Control Settings - Choice

General

Save Cancel Help

Commit Help

Display format: Option buttons

Choices *
1| ABC Clothing
2| DEF Shoes
3| GHI Homewares

Default value: [Empty field]

Arrange choices: Across then down

Number of columns: 3

Column alignment: Fixed

+ Appearance

+ Validation

- Advanced

Help text: [Empty field]

Store Client ID in JavaScript variable: Yes

Client ID JavaScript variable name: PanelToShow

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.