PDF SHARE FORMS

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PDF forms and SharePoint are better together

Executing single function from different controls

Product: PDF Share Forms Enterprise for SharePoint 2013

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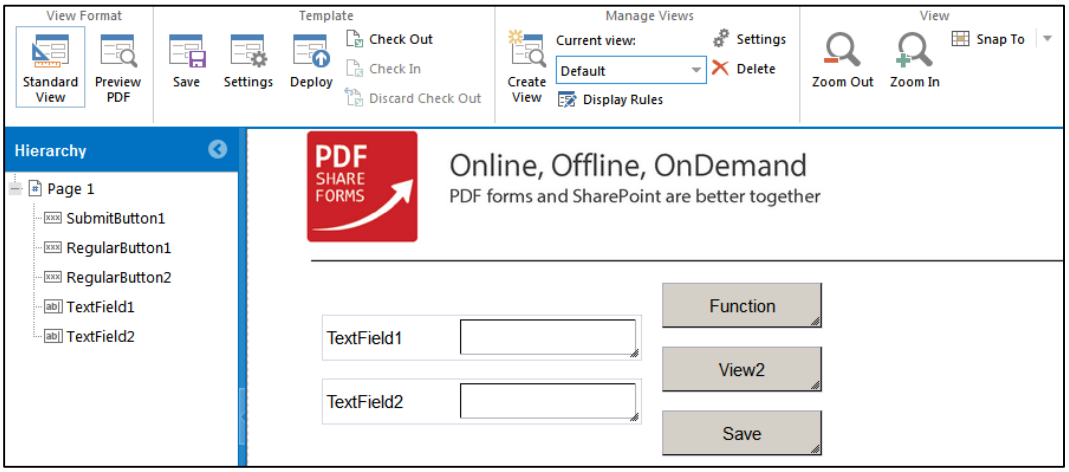
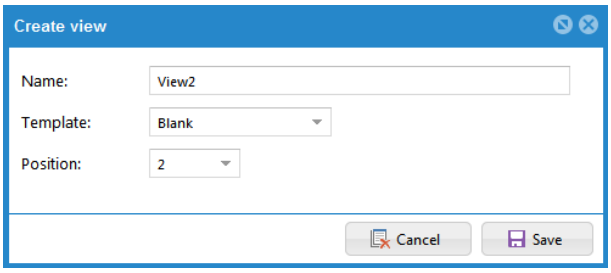
This guide describes the steps to use the same function in different controls on different views without copy-pasting function itself. In this example we will compare strings using JavaScript function.

Template

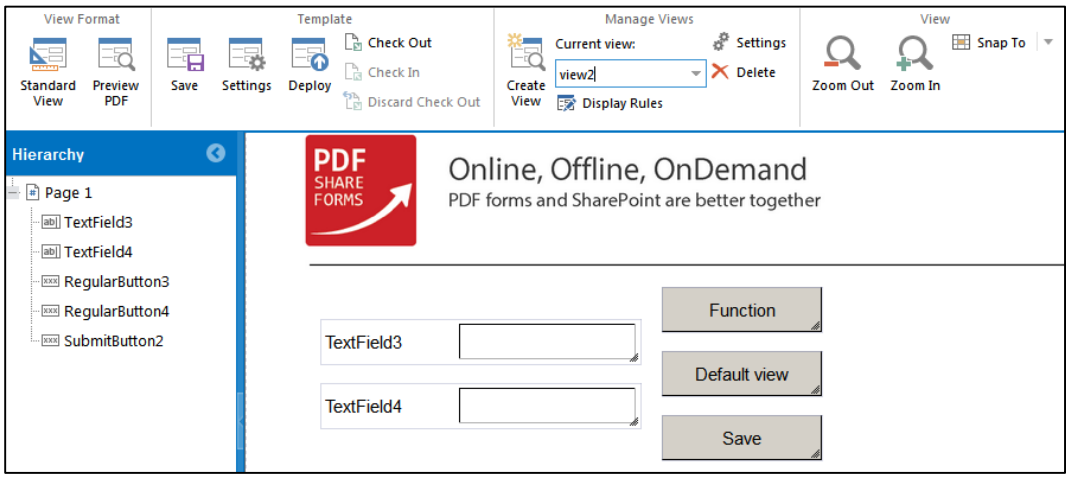
Step 1. Default view



Step 1.1 Create **View2.** Navigate to **Home → Create View**



Add name, position and template (copy fields to new view from previous view).



Both views have Submit button, Regular button to switch view, Regular button to call function and two text fields.

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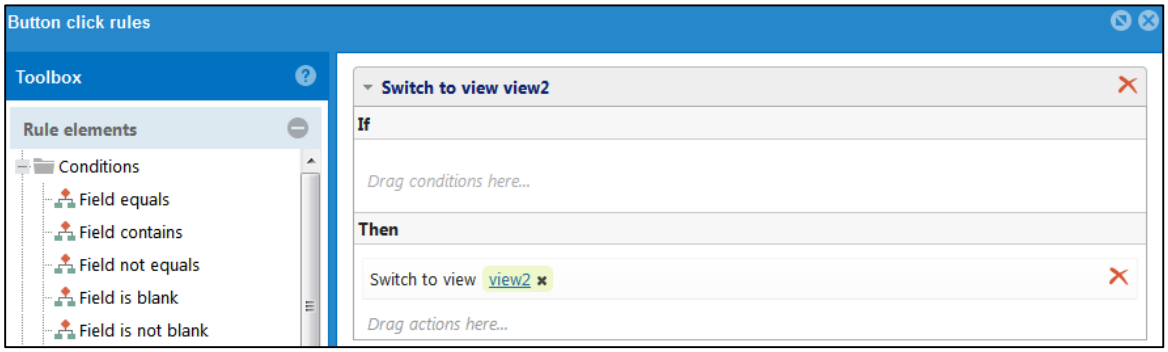
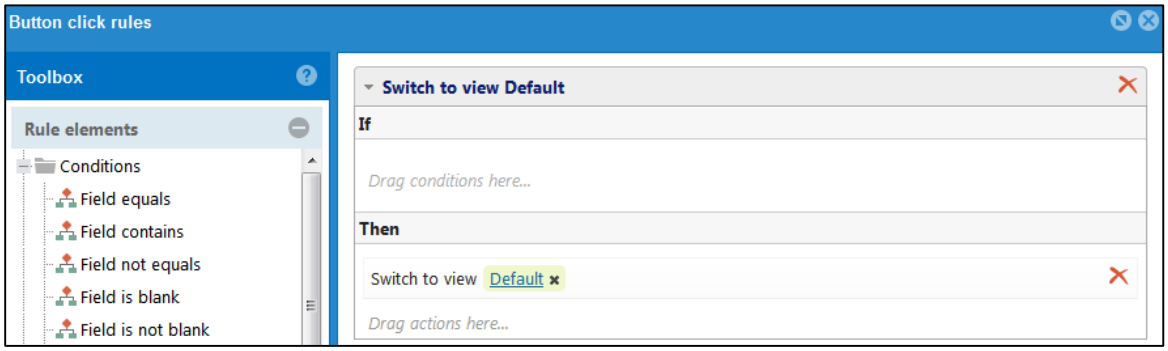
Step 2. Switching between views is done using Switch to view in Button click action: **PDF Form Tools → Properties → Actions → Button Click.**

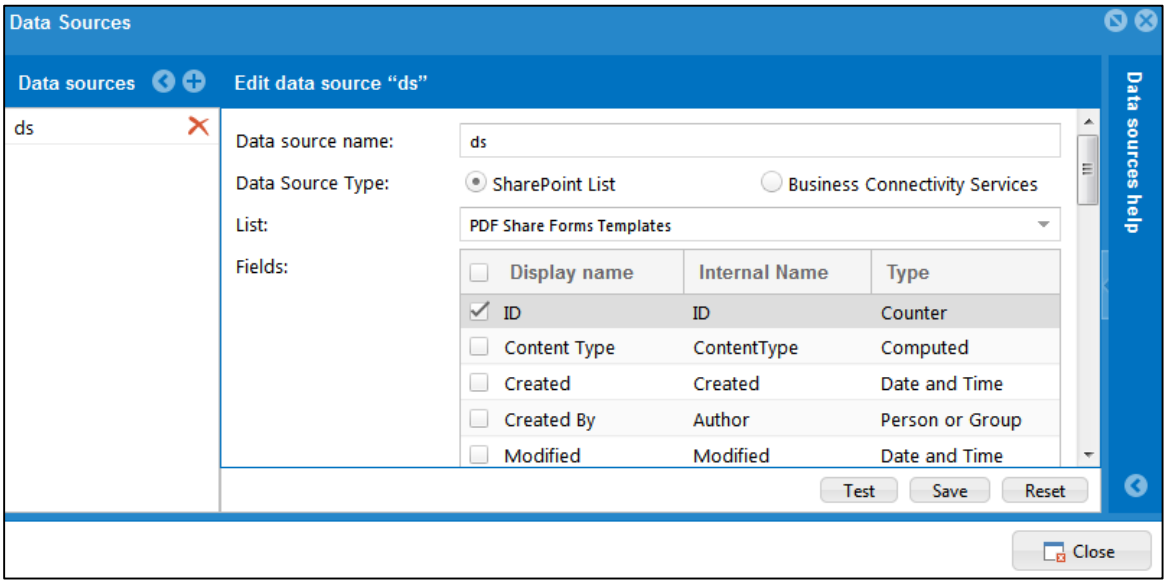
View2 button:



Default view button:



Step 3. Prepare Data Source that will store our function: **PDF Form Tools → Developer → Data Sources**.



This data source will not load any data from SharePoint lists – its purpose is only to store function.

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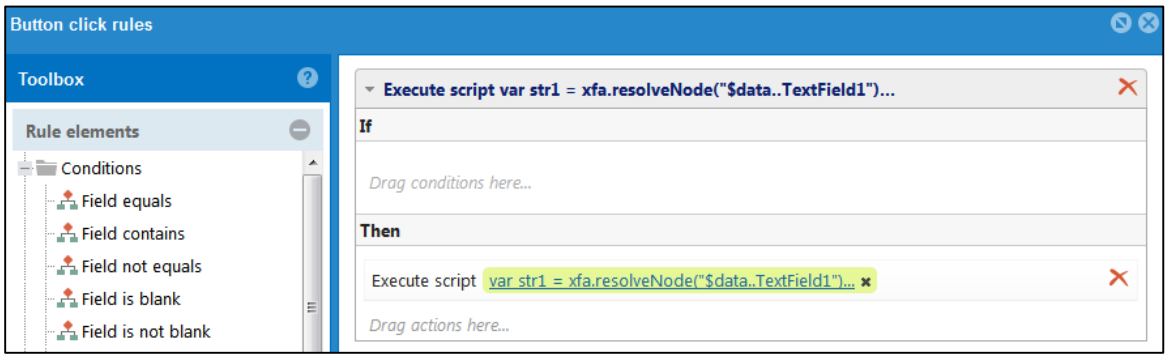
Step 4. Create a script. It will be located in **PDF Form Tools → Developer → On Form Ready Script**:

```
var dataSourcesNode = xfa.resolveNode('$data.__PdfFormsSystem.DataSources');
eval("DataSources=" + dataSourcesNode.value + ";");
DataSources.ds = function Hello(a,b){
	if (a == b)
	{
		xfa.host.messageBox("Strings are equal", "Message", 1);
	}
	else
	{
		xfa.host.messageBox("Strings are not equal", "Message", 0);
	}
}
xfa.resolveNode('$data.__PdfFormsSystem.DataSources').value =
DataSources.toSource().match("([^()].*)\\)")[1].toString();
```

NOTE: This function is comparing two variables – in our case those will be strings from Text Fields. If the values are equal, confirms that strings are equal and if the values are not equal, confirms that strings are not equal. Function is stored in earlier created data source (ds in our case).

Step 5. Add a script to **Function** button in **Default** view: **selected button → Properties → Button Click → Execute script**




```
var str1 = xfa.resolveNode("$data..TextField1").value;
var str2 = xfa.resolveNode("$data..TextField2").value;
DataSources.ds(str1,str2);
```

This code will pass TextField1 and TextField2 values to our function, which is currently stored in data source.

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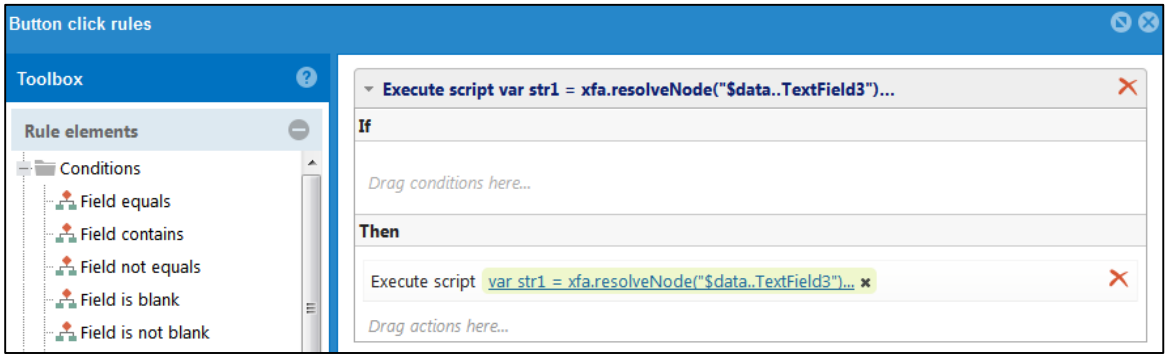
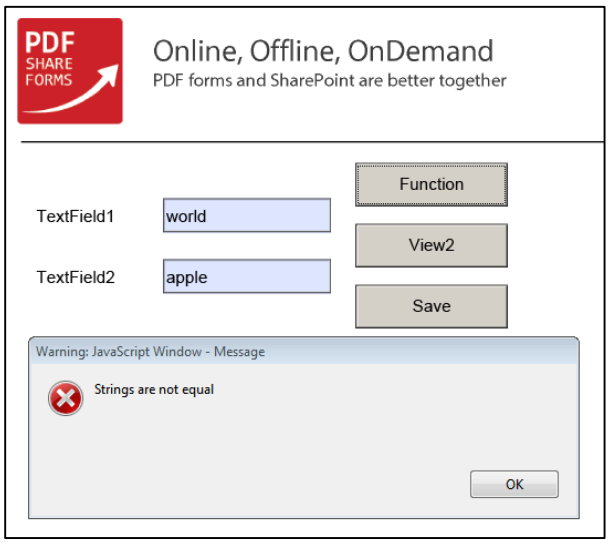
Step 6. Add a script to **Function** button in **View2** view: **selected button → Properties → Button Click → Execute script**



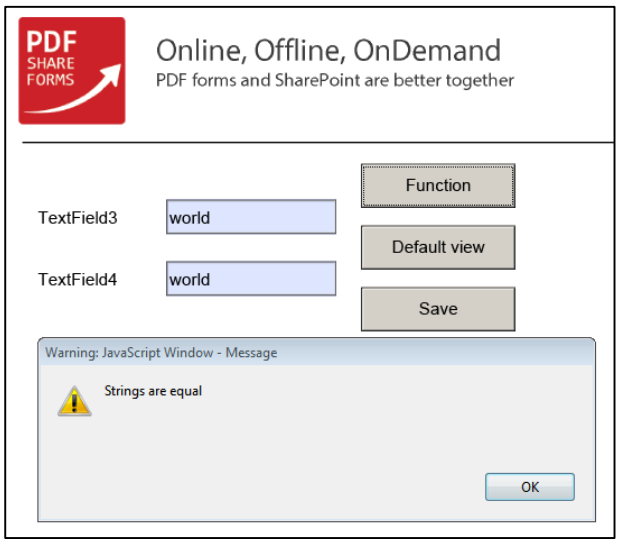

```
var str1 = xfa.resolveNode("$data..TextField3").value;
var str2 = xfa.resolveNode("$data..TextField4").value;
DataSources.ds(str1,str2);
```

Step 7. Deploy and run template

Default view:



View2:



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