



# PDF SHARE FORMS

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## Multi choice column synchronization with PDF Share Forms

Product: PDF Share Forms Enterprise for SharePoint 2010

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This guide describes how to make multi choice column and synchronize it with form's field.

## Create column

**Step 1.** Create choice column. Navigate to the deployment library: **Library Tools** → **Library** → **Library Settings** → **Create column**

<p><u>Create column</u></p> <p>Add from existing site columns</p> <p>Indexed columns</p>
--

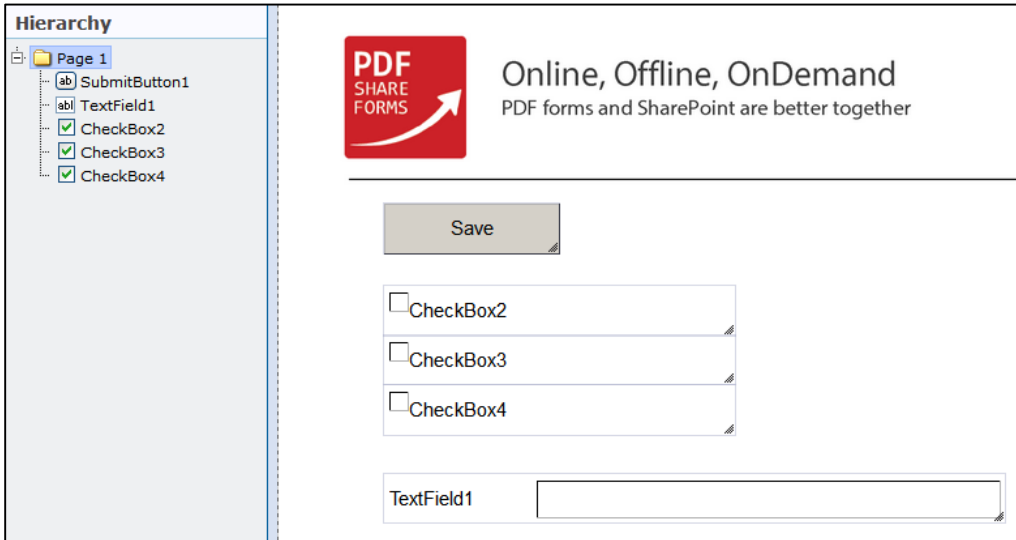
**Step 1.1** Specify properties and save column

<b>Name and Type</b> Type a name for this column.	Column name: <input type="text" value="ListBox"/>  The type of information in this column is: <input type="radio"/> Single line of text <input type="radio"/> Multiple lines of text <input checked="" type="radio"/> Choice (menu to choose from) <input type="radio"/> Number (1, 1.0, 100) <input type="radio"/> Currency (\$, ¥, €) <input type="radio"/> Date and Time
<b>Additional Column Settings</b> Specify detailed options for the type of information you selected.	Description: <input type="text"/>  Enforce unique values: <input type="radio"/> Yes <input checked="" type="radio"/> No  Type each choice on a separate line: <input type="text" value="CheckBox2"/> <input type="text" value="CheckBox3"/> <input type="text" value="CheckBox4"/>  Display choices using: <input type="radio"/> Drop-Down Menu <input type="radio"/> Radio Buttons <input checked="" type="radio"/> Checkboxes (allow multiple selections)  Allow 'Fill-in' choices: <input type="radio"/> Yes <input checked="" type="radio"/> No  Default value: <input checked="" type="radio"/> Choice <input type="radio"/> Calculated Value <input type="text" value="CheckBox2"/>

This template has only one multiline field – Information Storage. This field store data from SharePoint list.

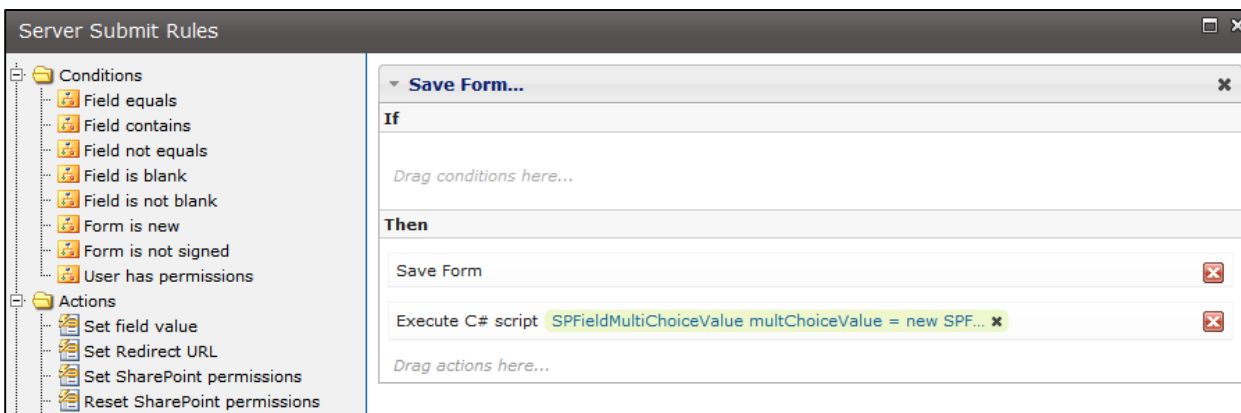
## Prepare template

### Step 1. Prepare template



Template contains Save button, three check boxes and text field which is used to store information about checked check boxes.

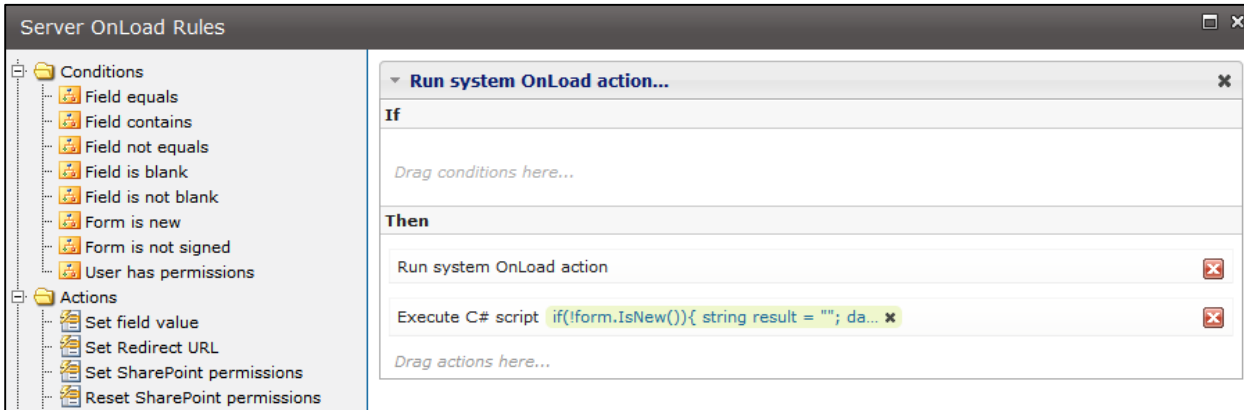
### Step 2. Add Execute C# script action under Save Form action in Form Submit rules. Navigate to PDF Form Tools → Developer → Form Submit



#### Script:

```
//add values to form's multichoice column in deployment library
SPFieldMultiChoiceValue multChoiceValue = new SPFieldMultiChoiceValue();
if(data.resolveNode("CheckBox2").value == "Yes"){multChoiceValue.Add("CheckBox2");}
if(data.resolveNode("CheckBox3").value == "Yes"){multChoiceValue.Add("CheckBox3");}
if(data.resolveNode("CheckBox4").value == "Yes"){multChoiceValue.Add("CheckBox4");}
SPFile file = currentWeb.GetFile(form.DocumentID);
SPListItem item = file.Item;
item["ListBox"] = multChoiceValue; //column name must be specified
item.Update();
```

**Step 3. Add Execute C# script action in Form Load rules. Navigate to PDF Form Tools → Developer → Form Load**



**Script:**

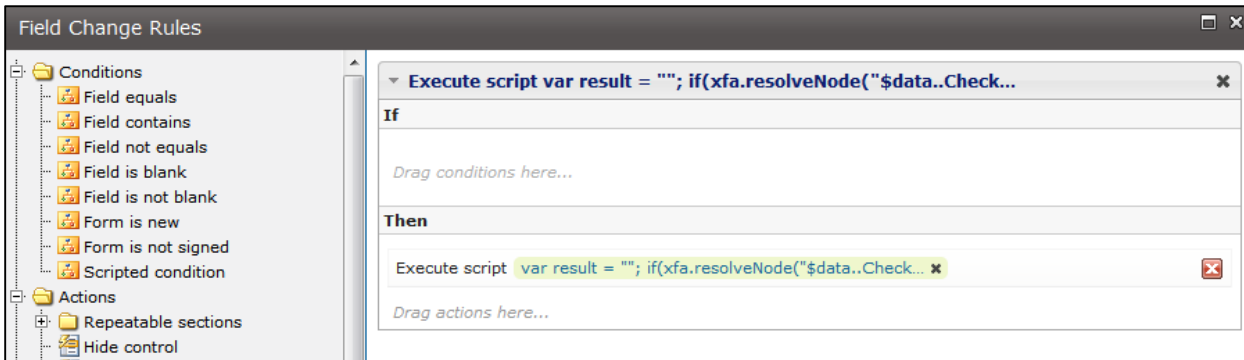
```

if(!form.IsNew()){
    string result = "";
    //Unchecks all check boxes and clear text field
    data.resolveNode("TextField1").value = "";
    data.resolveNode("CheckBox2").value = "No";
    data.resolveNode("CheckBox3").value = "No";
    data.resolveNode("CheckBox4").value = "No";
    SPFile file = currentWeb.GetFile(form.DocumentID);
    SPLListItem item = file.Item;
    string s = item["ListBox"].ToString(); //read values from specified column
    string[] words = s.Split(new string []{"#"}, StringSplitOptions.None);
    //synchronize SharePoint column values with field
    foreach (string word in words){
        if(word == "CheckBox2"){
            data.resolveNode("CheckBox2").value = "Yes";
            result+="CheckBox2;";
        }
        if(word == "CheckBox3"){
            data.resolveNode("CheckBox3").value = "Yes";
            result+="CheckBox3;";
        }
        if(word == "CheckBox4"){
            data.resolveNode("CheckBox4").value = "Yes";
            result+="CheckBox4;";
        }
        data.resolveNode("TextField1").value = result;
    }
}

```

This script read values from SharePoint column and if changes were made – updates field values.

**Step 4.** Add **Execute script** action in check box **Field Change** rules. Select check box and navigate to **PDF Form Tools** → **Properties** → **Actions** → **Field Change**



**Script:**

```
var result = "";
if(xfa.resolveNode("$data..CheckBox2").value == "Yes")
{
    result+="CheckBox2;";
}
if(xfa.resolveNode("$data..CheckBox3").value == "Yes")
{
    result+="CheckBox3;";
}
if(xfa.resolveNode("$data..CheckBox4").value == "Yes")
{
    result+="CheckBox4;";
}
xfa.resolveNode("$data..TextField1").value = result;
```

This script will write to the text field all selected check boxes.

**Step 4.1** Repeat step 5. for all check boxes.

**Step 5.** Save and deploy template.



## Runtime

**Step 1.** Runtime. Select all check boxes and save form

**Step 1.1** In deployment library will appear new document

Type	Name	Modified	Modified By	ListBox
	listBox_180 <span style="color: green;">NEW</span>	11/18/2014 9:20 PM	DEMO\administrator	CheckBox2, CheckBox3, CheckBox4
<a href="#">+ Add document</a>				

**Sep 1.2** Select document and navigate to **Library Tools** → **Document** → **Edit Properties**

Type	Name	Modified	Modified By	ListBox
	listBox_180 <span style="color: green;">NEW</span>	11/18/2014 9:20 PM	DEMO\administrator	CheckBox2, CheckBox3, CheckBox4



**Step 1.3** Change choice column's properties (in this example – unchecked CheckBox2 and CheckBox4) and save changes

Guides - listBox\_180.pdf

Edit

Save Cancel Paste Copy Cut Delete Item

Commit Clipboard Actions

**Content Type** listBox

**Name \*** listBox\_180.pdf

**Title**

**ListBox**

CheckBox2

CheckBox3

CheckBox4

Created at 11/18/2014 9:20 PM by DEMO\administrator  
Last modified at 11/18/2014 9:20 PM by DEMO\administrator

Save Cancel

**Step 1.4** Open form. Changes that were made in column properties affected form's fields

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Save

CheckBox2

CheckBox3

CheckBox4

TextField1  
CheckBox3;