



PDF SHARE FORMS

Online, Offline, OnDemand

PDF forms and SharePoint are better together

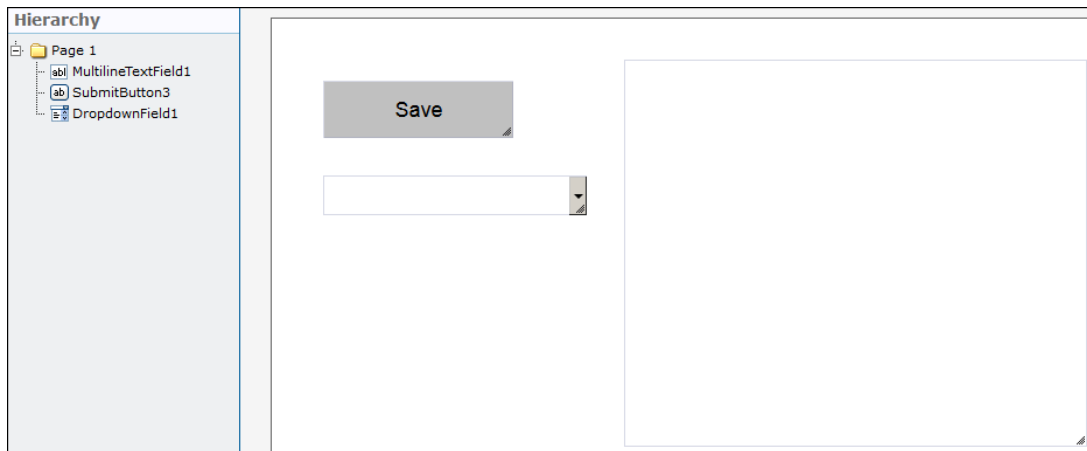
Better way to load data
from SharePoint lists
using scripting

This guide will show the best way to load data from a SharePoint list to a PDF document. Following approach will show how to load data to multiline text field using serialization. It will reduce form loading time and size.

Static AcroForm

Step 1. Template

Following template will be used:



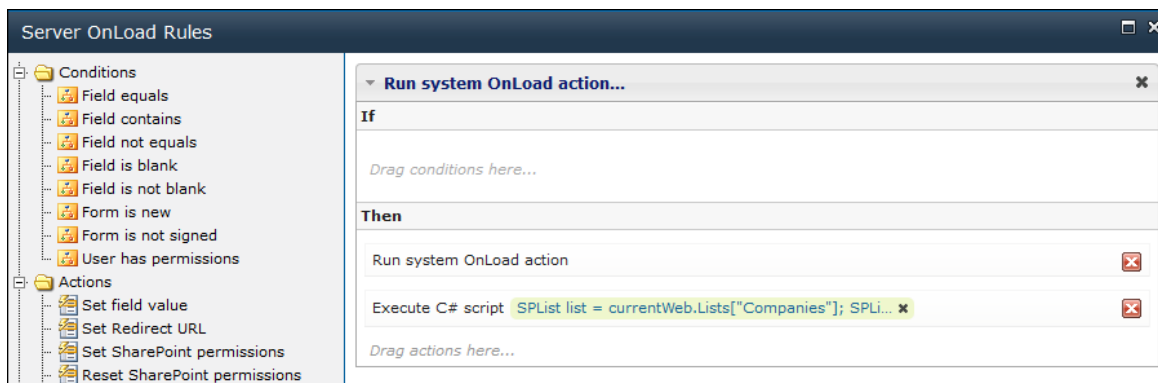
This template has “SubmitButton3”, “MultilineTextField1” for storing data from SharePoint list and “DropdownField1” which will be populated with data from “MultilineTextField1”.

NOTE: please pay attention to following aspects:

“MultilineTextField1” must be set to “hidden”;

Do not set submit button format to “PDF” if you are not using “Advanced features” in your form.
“PDF” format will increase form size.

Step 2. Add “Form Load” script action (PDF Form Tools → Developer → Form Load):



Place “Execute script” action under “Run system OnLoad action”

Code:

```
SPList list = currentWeb.Lists["Companies"];
SPListItemCollection items = list.GetItems("Title");
List<string> myList = new List<string>();
foreach(SPListItem item in items)
{
    myList.Add(item["Title"].ToString());
}
//serialize data
JavaScriptSerializer serializer = new JavaScriptSerializer();
data.resolveNode("MultilineTextField1").value = serializer.Serialize(myList);
```

Following code is using data serialization for form load time and size reduction.

Step 3. Add “Global JavaScript” (PDF Form Tools → Developer → Global JavaScript)

Code:

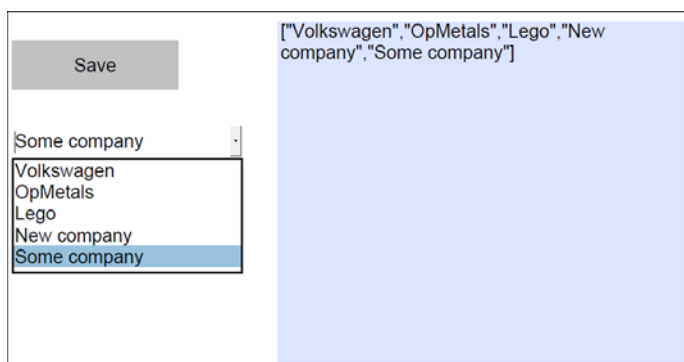
```
var val = this.getField("DropdownField1").value;
eval("var yourdata=" + this.getField("MultilineTextField1").value + ";");
//Populate data from Companies list to dropdown field if it is empty
var dropdown = this.getField("DropdownField1");
var i = 0;
for(i = 0;i< yourdata.length; i++ ){
    dropdown.insertItemAt(yourdata[i], yourdata[i], i);
}
this.getField("DropdownField1").value = val;
```

This code will populate “DropdownField1” with serialized data from “MultilineTextField1”.

Step 4. Save and Deploy template.

Step 5. Runtime

Create new form



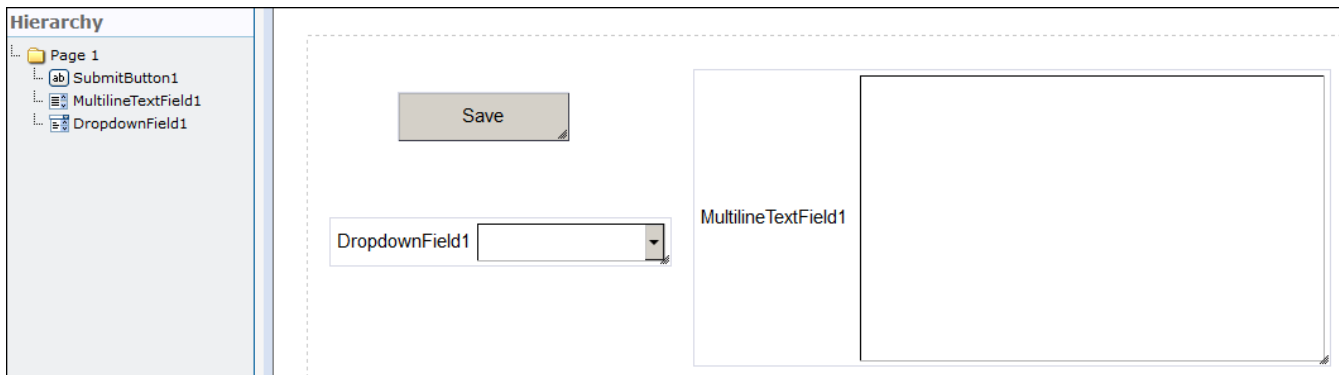
“DropdownField1” is populated with data from SharePoint list. Pay attention how data from list is stored inside “MultilineTextField1”.

NOTE: “MultilineTextField1” must be set to “hidden” – it is visible only for demonstration purposes.

Dynamic XFA form

Step 1. Template

Following template will be used:



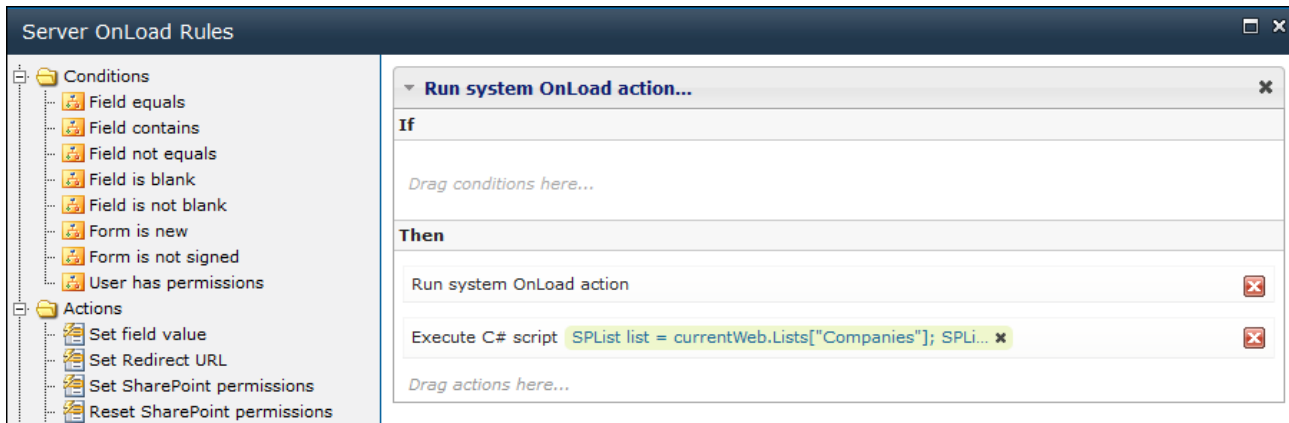
This template has “SubmitButton1”, “MultilineTextField1” for storing data from SharePoint list and “DropdownField1” which will be populated with data from “MultilineTextField1”.

NOTE: please pay attention to following aspects:

- “MultilineTextField1” must be set to “hidden”;

- Do not set submit button format to “PDF” if you are not using “Advanced features” in your form. “PDF” format will increase form size.

Step 2. Add “Form Load” script action (PDF Form Tools → Developer → Form Load):



Place “Execute script” action under “Run system OnLoad action”

Code:

```
SPList list = currentWeb.Lists["Companies"];
SPListItemCollection items = list.GetItems("Title");
List<string> myList = new List<string>();
foreach(SPListItem item in items)
{
    myList.Add(item["Title"].ToString());
}
//serialize data
JavaScriptSerializer serializer = new JavaScriptSerializer();
data.resolveNode("MultilineTextField1").value = serializer.Serialize(myList);
```

Following code is using data serialization for form load time and size reduction.

Step 3. Add “On Form Ready Script” (PDF Form Tools → Developer → On Form Ready Script)

Code:

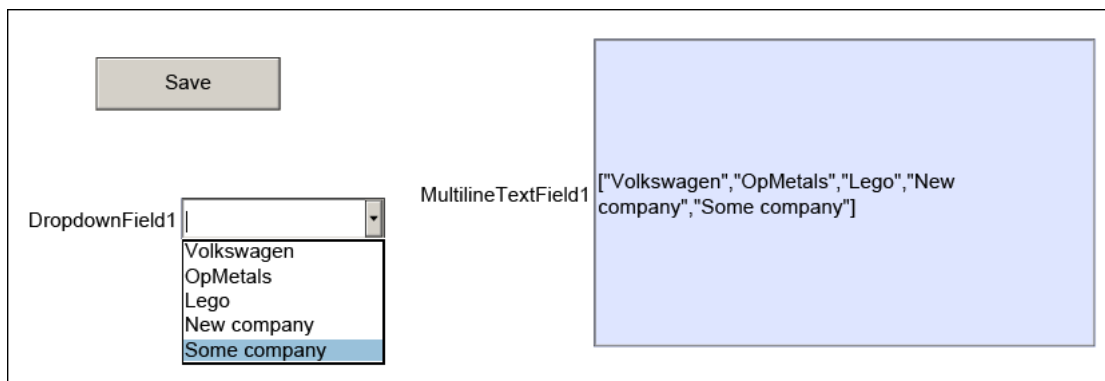
```
eval("var yourdata=" +xfa.resolveNode('$data..MultilineTextField1').value+ ");");
var dropdown = xfa.resolveNode('$form.Root.Default..DropdownField1');
var i = 0;
if (dropdown.length == 0){
    for(i = 0;i< yourdata.length; i++ ){
        dropdown.addItem(yourdata[i],yourdata[i]);
    }
}
```

This code will populate “DropdownField1” with serialized data from “MultilineTextField1”.

Step 4. Save and Deploy template.

Step 5. Runtime

Create new form



“DropdownField1” is populated with data from SharePoint list. Pay attention how data from list is stored inside “MultilineTextField1”.

NOTE: “MultilineTextField1” must be set to “hidden” – it is visible only for demonstration purposes.