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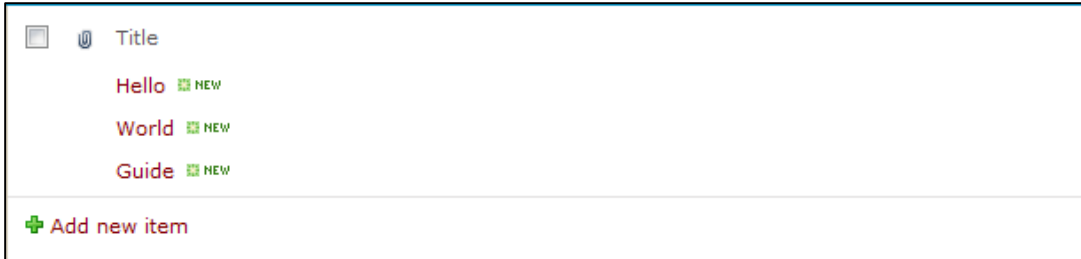
PDF forms and SharePoint are better together

Populate dropdown fields using scripts

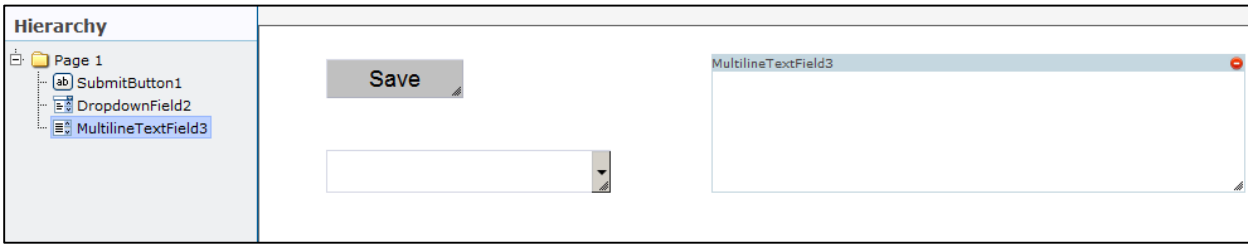
This guide will show how to populate dropdown field using server side scripts.

Step 1. Prepare a source list:

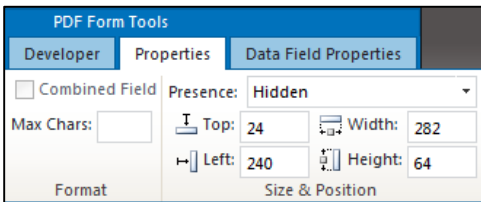
As an example, our list “ExampleList” contains Title:



Step 2. Create Acro template and place Drop-down field, MultilineTextField and Submit button.

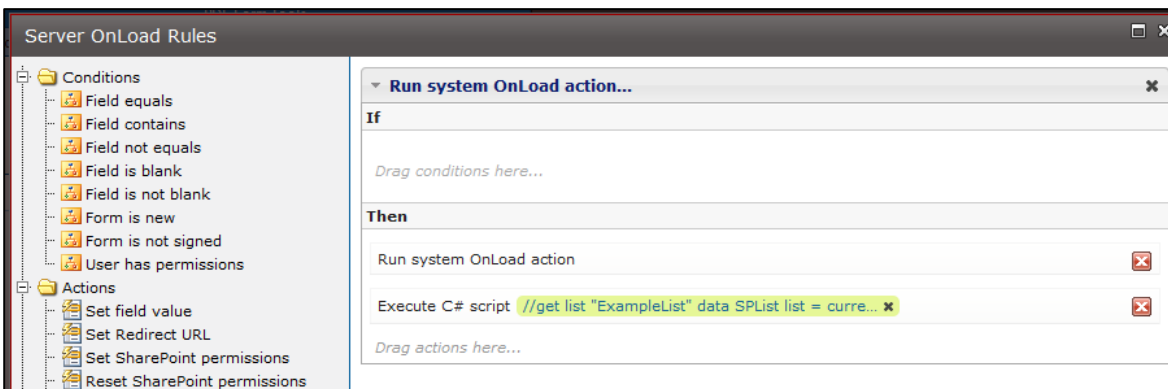


DropDownField2 will be populated with data from “ExampleList”.



NOTE: Multiline text field “MultilineTextField3” will be used to store data from lists – must be hidden so users can’t change its data. It can be done in **PDF Form Tools → Properties → Presence → Hidden** (in our guide we won’t do it, so you could see what is going on).

Step 3. Add “Form Load ” script **PDF Form Tools → Developer → Form Load**.



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

Code:

```
//get list "ExampleList" data
SPList list = currentWeb.Lists["ExampleList"];
SPListItemCollection items = list.GetItems("Title");
List<string> columsCom = new List<string>();
foreach(SPListItem item in items)
{
    columsCom.Add(item["Title"].ToString());
}
//serialize data
JavaScriptSerializer serializer = new JavaScriptSerializer();
data.resolveNode("MultilineTextField3").value = serializer.Serialize(columsCom);
```

This script will extract data from list column inside "MultilineTextField3"

NOTE: in following code lines must be used internal names of columns: For "Title" column it is "Title".

Step 3.2 How to check column internal name:

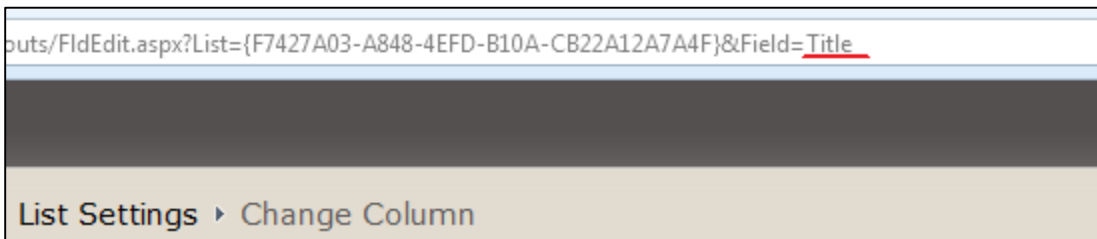
Go to the list setting: "**ExampleList**" list → **List Tools** → **List Settings** .

Select column which internal name you wish to check:

A column stores information about each item in the list. The following columns are currently available in this list:

Column (click to edit)	Type	Required
<u>Title</u>	Single line of text	✓
Created By	Person or Group	
Modified By	Person or Group	

Check URL in browser:



Here you can see that URL's end is an internal name of column you clicked:

Field=**Title**

Step 4. Add “Global JavaScript” **PDF Form Tools** → **Properties** → **Developer**

Code:

```
var val = this.getField("DropdownField2").value;
eval("var yourdata=" + this.getField("MultilineTextField3").value + ";");
//Populate data from ExampleList list to dropdown field if it is empty
var dropdown = this.getField("DropdownField2");
var i = 0; for(i = 0;i< yourdata.length; i++ )
{
    dropdown.insertItemAt(yourdata[i], yourdata[i], i);
}
this.getField("DropdownField2").value = val;
```

This code will write data from “MultilineTextField3” to variable “yourdata”, then this variable will populate dropdown field.

Step 5. Deploy and run

