



PDF SHARE FORMS

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Writing and reading face and export values from dropdown field

Product: PDF Share Forms Enterprise for SharePoint 2010

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This guide describes how to populate dropdown field with both face and export (internal) values and read selected face and export values during runtime.

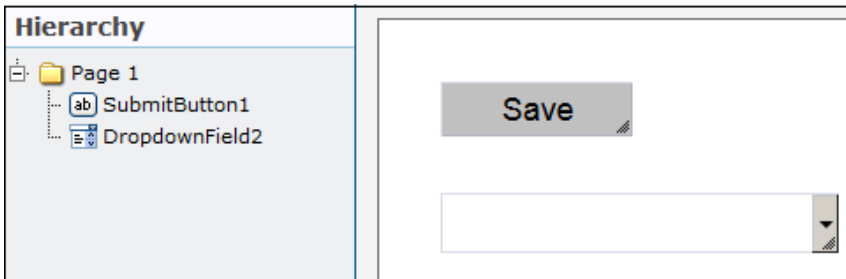
Used SharePoint list

In this guide was used following SharePoint “DropDownValues” list for dropdown field population:

FaceValue	ItemValue
Face1	Item1
Face2	Item2
Face3	Item3
Face4	Item4
Face5	Item5

Static (Acro) form

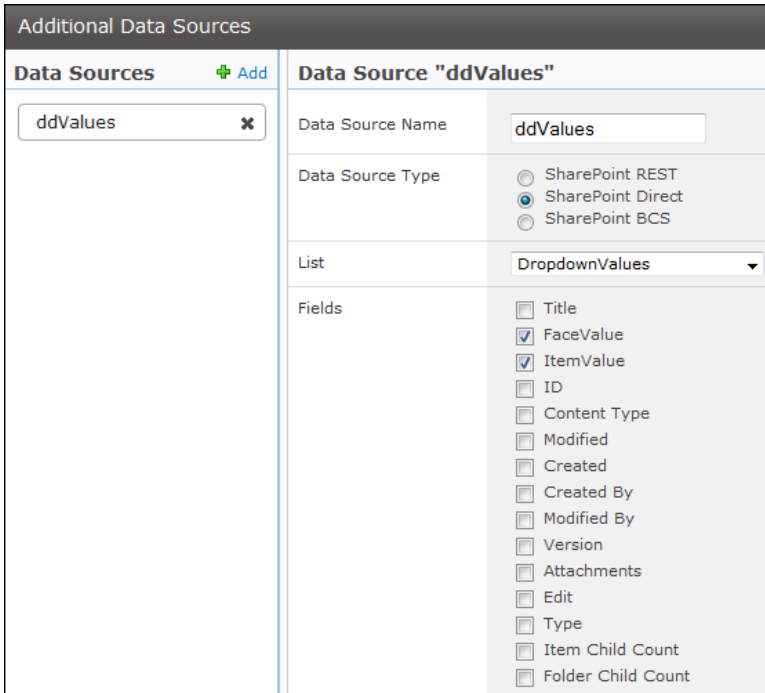
Step 1. Template



This template has following controls:

- ✔ DropdownField2 – dropdown field which will be populated with values from “DropDownValues” list;
- ✔ SubmitButton1 – submit to SharePoint library.

Step 2. Create Data source



Created “ddValues” data source will store columns “FaceValue” and “ItemValue” from SharePoint list “DropdownValues”.

Step 3. Add Global JavaScript. Navigate to PDF Form Tools → Developer → Global JavaScript

```
if (this.getField("DropdownField2").value == ""){
    var dropdown = this.getField("DropdownField2");
    var i = 0;
    var values = DataSources['ddValues'];
    for (i = 0; i < values.length; i++){
        dropdown.insertItemAt(values[i]['FaceValue'], values[i]['ItemValue'], i);
    }
}
```

This script populates DropdownField2 with values from “ddValues” data source.

Step 4. Add field Exit script to DropdownField2. Choose dropdown field and then navigate to PDF Form Tools → Properties → Actions → Blur – add JavaScript action



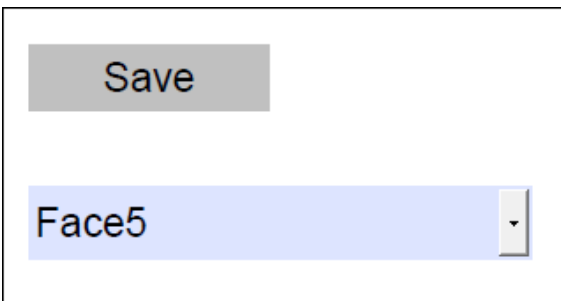
Script:

```
var ddField = this.getField("DropdownField2");  
var index = ddField.currentValueIndices;  
//get export(internal) value  
app.alert({ cMsg: ddField.getItemAt(index,false), cTitle: "Face value" });  
//get export(internal) value approach 1  
app.alert({ cMsg: ddField.getItemAt(index,true), cTitle: "Export(internal) value 1" });  
//get export(internal) value approach 2  
app.alert({ cMsg: ddField.value, cTitle: "Export(internal) value 2" });
```

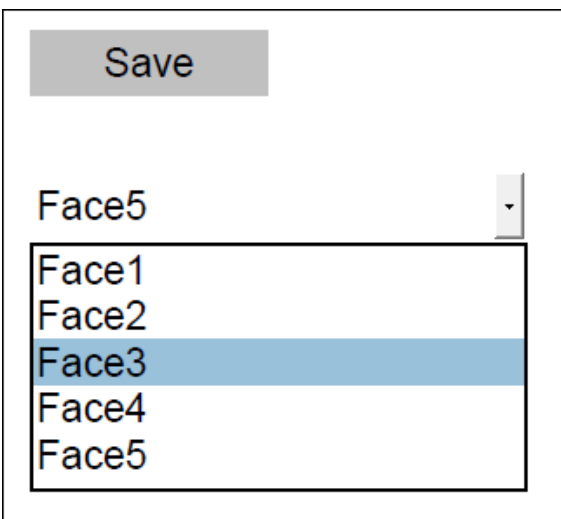
This script will display in dialog windows face value and export value for selected dropdown item.

Step 5. Deploy template

Step 6. Create new form

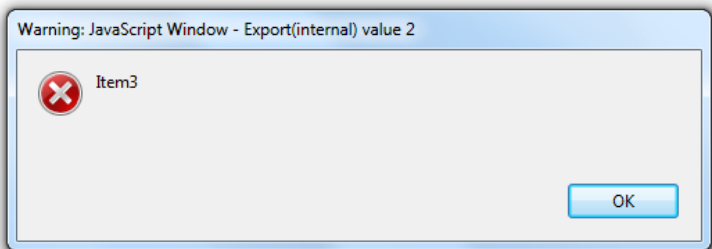
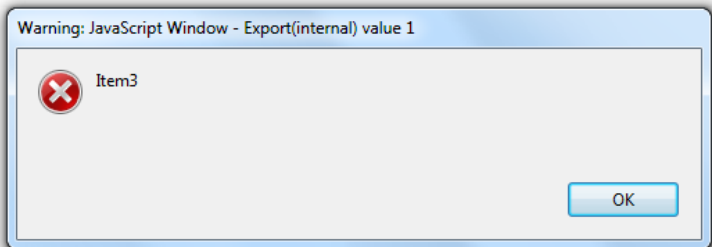
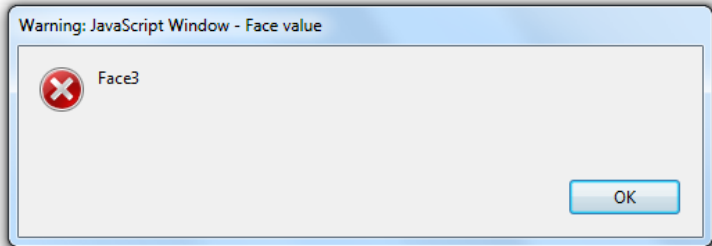


Step 6.1 Select some value inside dropdown field (in this case Face3)



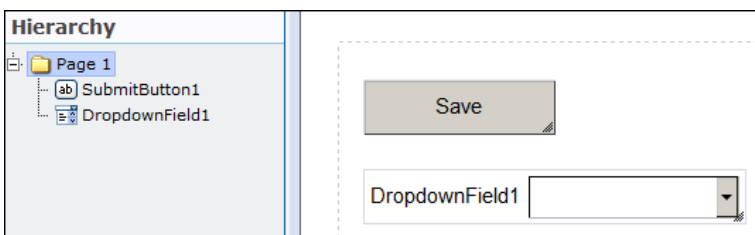
Step 6.2 Result

Will appear following dialog boxes one by one:



Dynamic (XFA) form

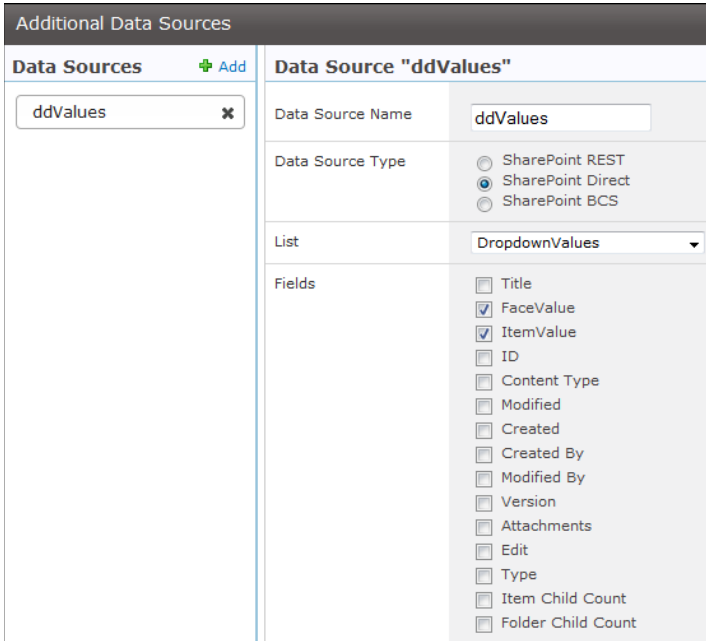
Step 1. Template



This template has following controls:

- DropdownField2 – dropdown field which will be populated with values from “DropdownValues” list;
- SubmitButton1 – submit to SharePoint library.

Step 2. Create Data source



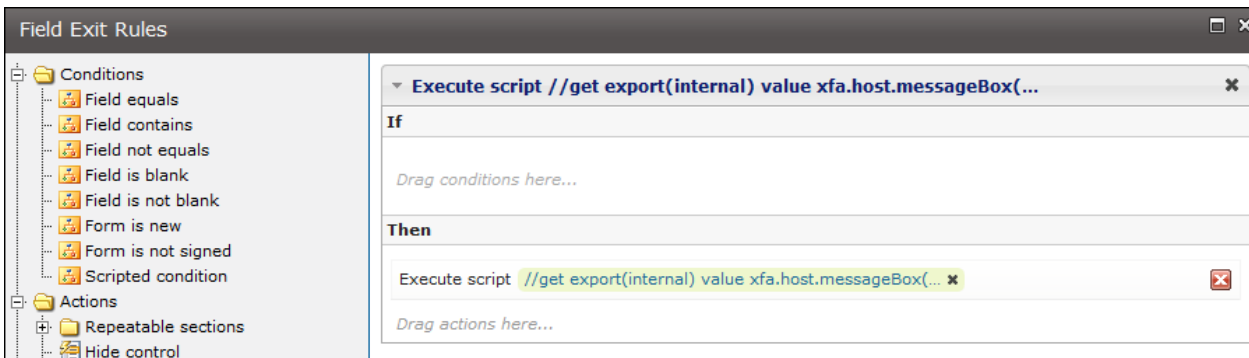
Created “ddValues” data source will store columns “FaceValue” and “ItemValue” from SharePoint list “DropdownValues”

Step 3. Add On Form Ready Script. Navigate to **PDF Form Tools → Developer → On Form Ready Script**

```
if (xfa.resolveNode("$data..DropdownField1").value == null){
    var dropdown = xfa.resolveNode("$form.Root.Default..DropdownField1");
    var i = 0;
    var values = PdfForms.DataSources.ddValues;
    for(i = 0; i < values.length; i++)
    {
        dropdown.addItem(values[i]['FaceValue'], values[i]['ItemValue']);
    }
}
```

This script populates DropdownField2 with values from “ddValues” data source.

Step 4. Add Field Exit script to “DropdownField1” dropdown. Choose “Name” dropdown and then navigate to **PDF Form Tools → Properties → Actions → Field Exit** – add **Execute script** action.



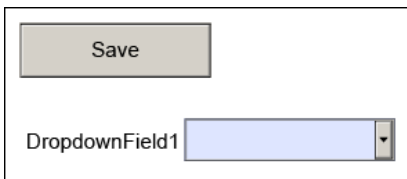
Script:

```
//get export(internal) value  
xfa.host.messageBox(xfa.resolveNode("$data..DropdownField1").value, "Export value", 1);  
//get face value  
var vChoice = xfa.resolveNode('$form.Root.Default..DropdownField1').selectedIndex;  
var faceValue = xfa.resolveNode('$form.Root.Default..DropdownField1').getDisplayItem(vChoice);  
xfa.host.messageBox(faceValue, "Face value", 1);
```

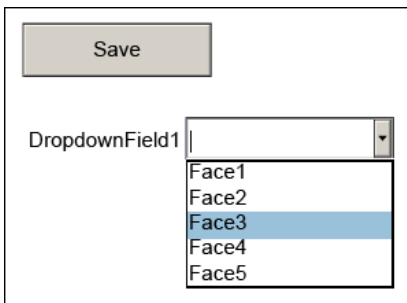
This script will display in dialog windows face value and export value for selected dropdown item.

Step 5. Deploy template

Step 6. Create new form



Step 6.1 Select some value inside dropdown field (in this case Face3)



Step 6.2 Result

Will appear following dialog boxes one by one:

