



# PDF SHARE FORMS

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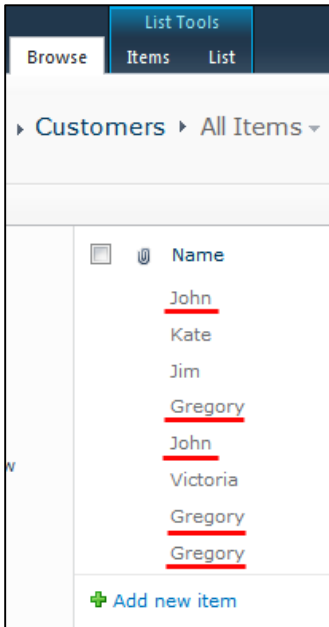
PDF forms and SharePoint are better together

## Populating dropdown with distinct values from list

This guide will show how to populate dropdown with unique values from the list.

## List

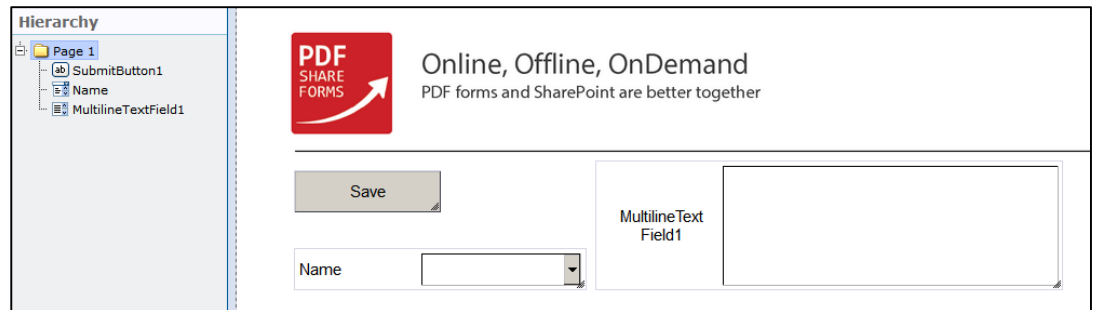
For example, there is list with one column. Column contains some repeating values:



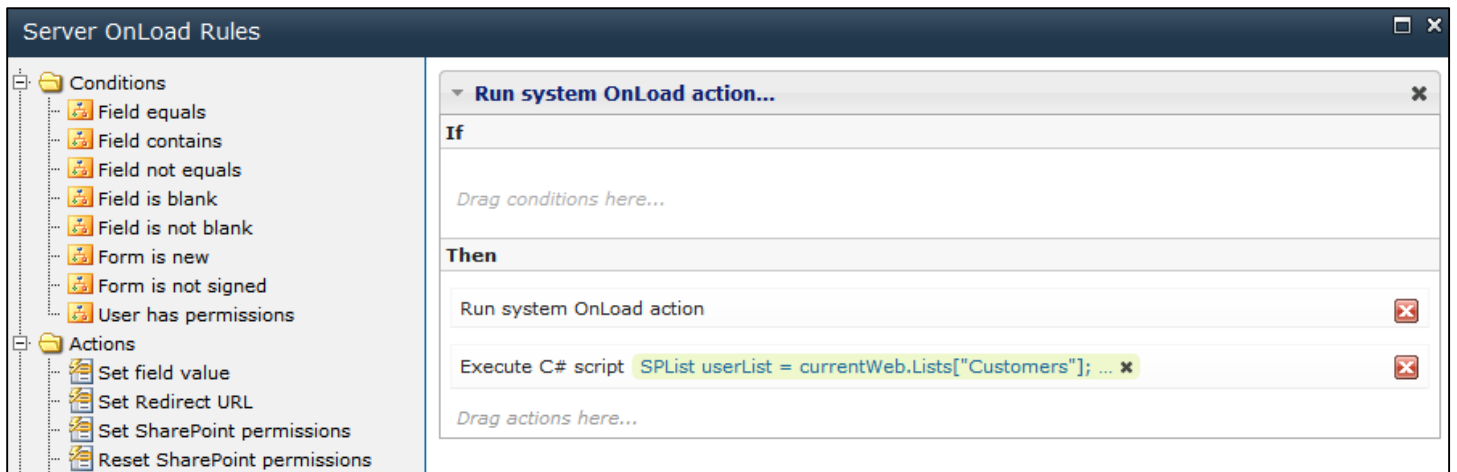
## Template

### Step 1. Prepare template

Template contains multiline text field to store data from the list, dropdown field for values from the list and Submit button.



**Step 2.** Add Server OnLoad Rules. Navigate to **PDF Form Tools → Developer → Form Load** and place **Execute C# script** action after **Run system OnLoad** action



**Script:**

```
SPList userList = currentWeb.Lists["Customers"]; //list name must be specified for proper case
SPQuery query = new SPQuery();
    query.Query = "<OrderBy><FieldRef Name='Name' /></OrderBy>"; //column name must be specified
//gets distinct values and writes in data table
DataTable dt = userList.GetItems(query).GetDataTable();
DataView dtview = new DataView(dt);
DataTable distinct = dtview.ToTable(true, "Name");
List<string> columns = new List<string>();
foreach(DataRow row in distinct.Rows){
    foreach(DataColumn column in distinct.Columns){
        columns.Add(row[column].ToString());
    }
}
//serialize data
JavaScriptSerializer serializer = new JavaScriptSerializer();
data.resolveNode("MultilineTextField1").value = serializer.Serialize(columns);
```

This script gets distinct values from the list and writes down in to the MultilineTextField1.



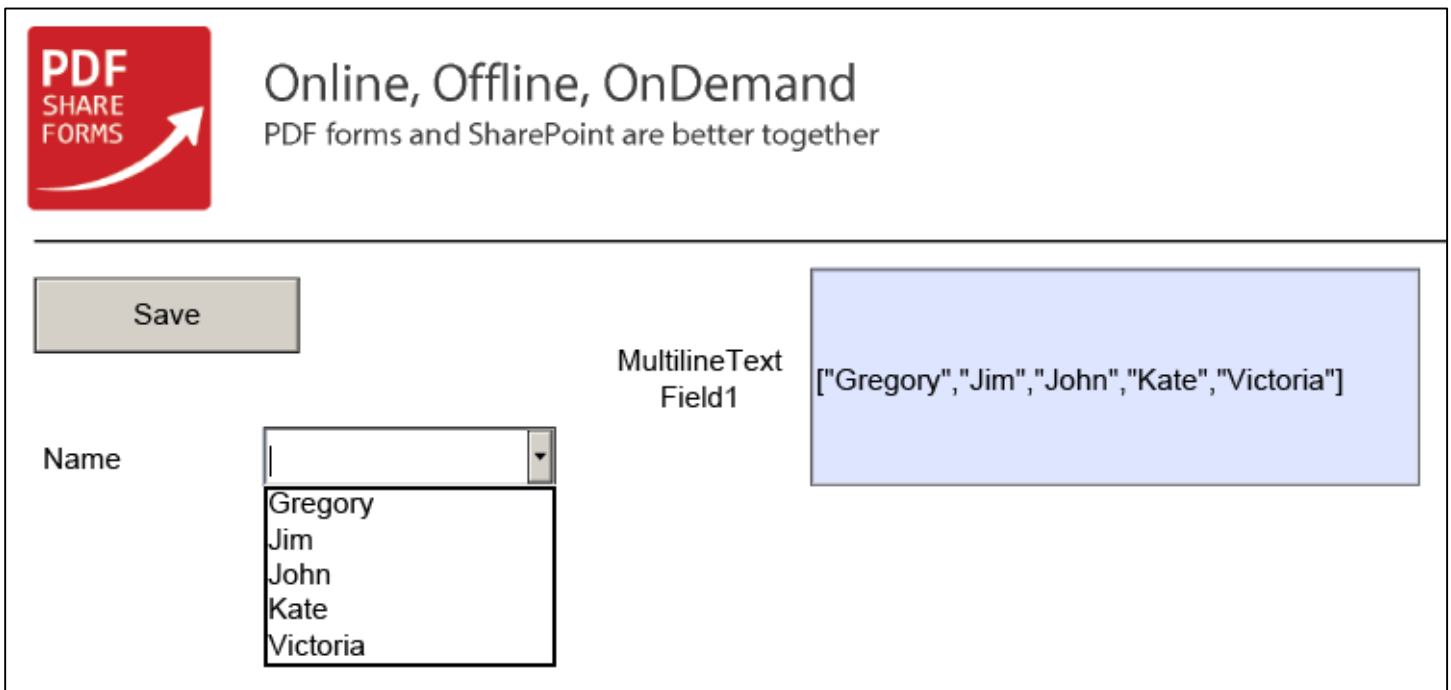
**Step 3.** Add On Form Ready Script. Navigate to **PDF Form Tools → Developer → On Form Ready Script**

**Script:**

```
var val = xfa.resolveNode("$data..Name").value;  
eval("var yourdata=" + xfa.resolveNode("$data..MultilineTextField1").value + ";");  
//Populate data from list to dropdown field  
var dropdown = xfa.resolveNode("$form.Root.Default..Name");  
var i = 0;  
for(i = 0;i< yourdata.length; i++ ){  
    dropdown.addItem(yourdata[i], yourdata[i]);  
}  
xfa.resolveNode("$data..Name").value = val;
```

## Runtime

**Step 1.** Open form and choose dropdown field



**NOTE:** MultilineTextField1 must be set to hidden. It is visible only for demonstrating purposes.