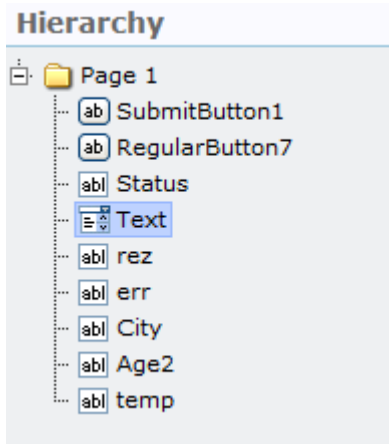


Advanced forms with BCS

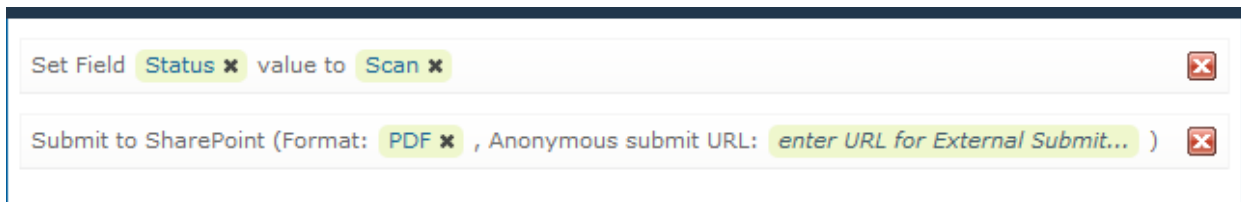
Step 1. Create a template. Add **Scan** button and field called **Status**.

As an example, we will use the following form:



The goal is to populate values into „City” and „Age2” fields based on „Text” field selection.

Step 2. Add actions to **Scan** button.



„Status” field will indicate what we will do, save the form or run **Search**.

Step 3. Add Server-Side Form Submit script to redirect form for Search.

▼ If **Field Status** contains **Scan** then **Execute C# script form.RedirectURL = "http://labs.pdfsh**

If

Field **Status** contains **Scan**

Drag conditions here...

Then

Execute C# script **form.RedirectURL = "http://labs.pdfshareforms.com..."**

Drag actions here...

And Stop here

▼ **Save Form**

If

Drag conditions here...

Then

Save Form

Drag actions here...

Script:

```
form.RedirectURL =
"http://labs.pdfshareforms.com/sites/labs1/_layouts/PDFForms/PDFFormRender.aspx?List=
{6D5CDCA7-00EC-442F-B9AA-AB30A9973131}&RootFolder=%2Fsites%2Flabs1%2FSampleDocLib
&ContentTypeId=0x0101008C18BC49FB564DD891D01B108399315A0064F4F97899FCE742BB4887C0E1C1
40A9004267E8CEDBFEEEE4E855B53DEE93CF1B9&Source=%2Fsites%2Flabs1%2FSampleDocLib%2FForms
%2FAllItems.aspx&ParamValue=" + data.resolveNode("Text").value;
```

Blue part is taken from URL of New Document, red part is based on which field you want to use as a parameter.

Step 4. Add Server-Side Form Load script to populate data using BCS.

Script:

```
string name = form.GetQueryParam("ParamValue");
string entityNS = "http://labs.pdfshareforms.com/sites/labs1";
string entityName = "people";
using(BCSAccessor bdcAccessor = new BCSAccessor(currentWeb.Site, entityNS,
entityName))
{
    DataTable dt1 = bdcAccessor.FindItems("PeopleRead List2");
    foreach (DataRow row in dt1.Rows)
    {
        data.resolveNode("rez").value = data.resolveNode("rez").value + ";" +
row["Name"];
    }

    if (name != null)
    {
        object[] array1 = new object[1];
        array1[0] = name;
        DataTable dt2 = bdcAccessor.GetItem(null, array1);
        foreach (DataRow row in dt2.Rows)
        {
            data.resolveNode("Age2").value = row["Age"].ToString();
            data.resolveNode("City").value = row["City"].ToString();
        }
        data.resolveNode("temp").value = name;
    }
}
```

This script will pull list of people and save it to "rez" field.

If parameter is specified, it will search data in BCS using this parameter.

Step 5. Add a client-side script which will populate dropdown based on “rez” field’s value.

Script:

```
var count = this.getField("rez").value.split(';').length;
var dd = this.getField("Text");
for (var i = 1; i < count; i++)
{
    var item = this.getField("rez").value.split(';')[i];
    dd.insertItemAt(item);
}
if (this.getField("Status").value == "Scan")
{
    this.getField("Text").value = this.getField("temp").value;
}
```