



PDF SHARE FORMS

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Calling BCS Create Operation using custom server-side script

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This guide shows how to update database table by calling SharePoint Business Data Connectivity Services from PDF form.

BCS External content type details

External content type with following properties is used:

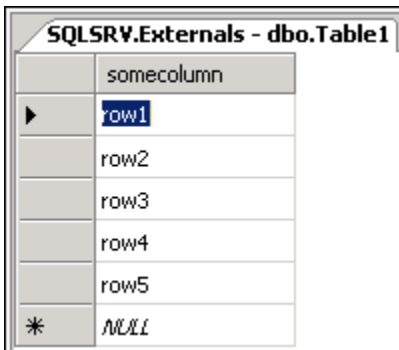
Entity Name: "somedata";

Entity Namespace: <http://yourSPSite.com>;

Create Operation name: Create method called "Create";

Note: in order to use PDF Share Forms BCS Helper Method, external content type "Create" method should be called "Create".

Data Source Object: database table "Table1";



SQLSRV.Externals - dbo.Table1	
	somecolumn
▶	row1
	row2
	row3
	row4
	row5
*	NULL

Figure 1. Database "Table1".

Used template details

Template structure

Following template is used in this example:

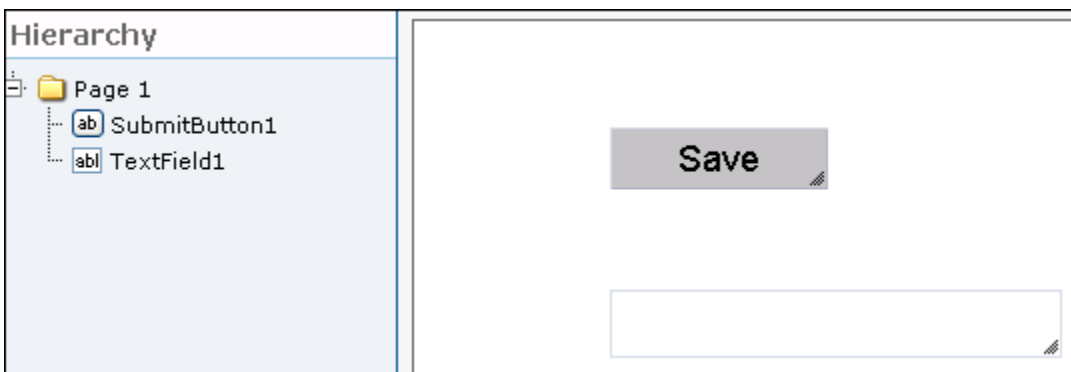


Figure 2. This template has text field and submit button.

Server-side script

Described script calls PDF Share Forms BCS Helper Method to add value placed in the TextField1 to the database table "Table1".

Open "Form Submit" rule in Developer tab of PDF Form Tools:



Figure 3. Server Submit Rules.

Place "Execute script" action under "Save Form" action and add following script:

```
string entityNS = "http://yourSPSite.com";
string entityName = "somedata";

using(BCSAccessor bdcAccessor = new BCSAccessor(currentWeb.Site, entityNS, entityName)) {
    var fieldValues = new Hashtable();
    fieldValues["somecolumn"] = data.resolveNode("TextField1").value;
    Identity id = bdcAccessor.CreateItem("Create", fieldValues);
}
```

This code uses BCSAccessor to call "Create" method to create new entry in "somecolumn" column of database table "Table1" and populate it with vale from TextField1.

Note: the list of all available BCS Helper Methods can be found in Help section of "Execute script" action.

After script was added, template should be saved and deployed.

Runtime

Value "New Value" is placed inside PDF form and submit button is clicked:

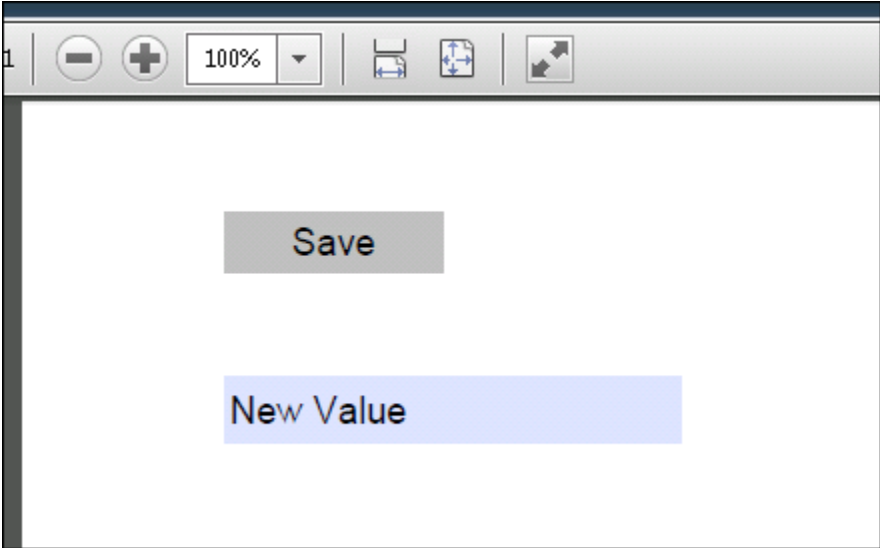
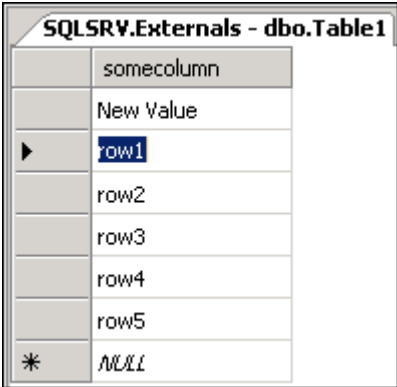


Figure 4. Newly created PDF form.

As it can be seen – Table1 was updated with "New Value" from submitted PDF form:



SQLSRV.Externals - dbo.Table1	
somecolumn	
	New Value
▶	row1
	row2
	row3
	row4
	row5
*	NULL

Figure 5. Database table with newly added value.