



PDF SHARE FORMS

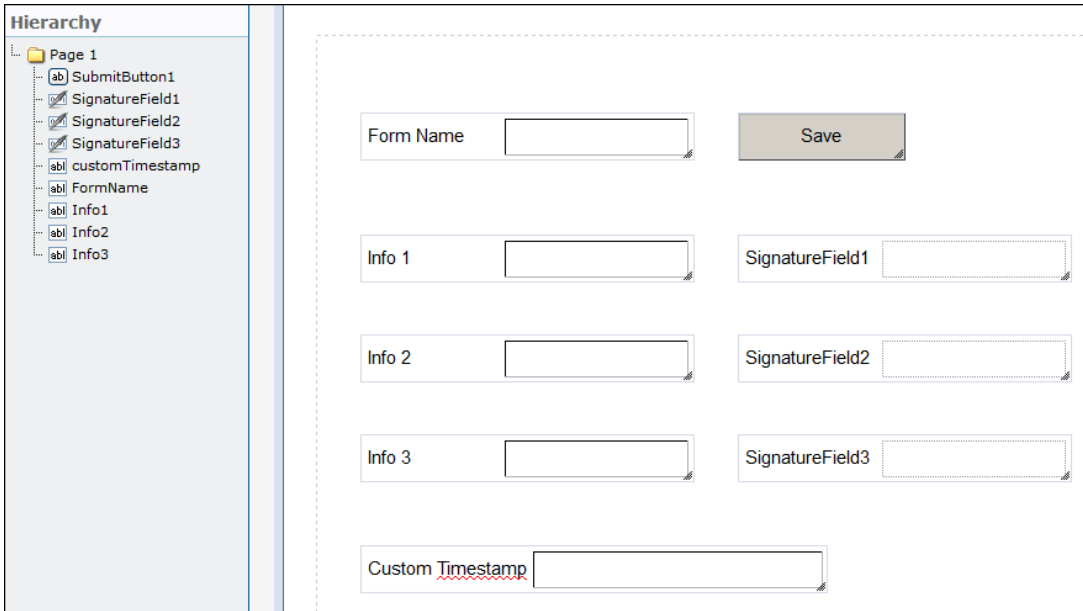
Online, Offline, OnDemand

PDF forms and SharePoint are better together

[How to force Dynamic PDF form with advanced features update form data instead of creating new form](#)

The main issue is that dynamic PDF forms with signature fields cannot be updated when they are signed. That is why changing data in already signed form will create updated copy of this form, but does not update form itself. The idea of method described in this tutorial is to create custom name for this dynamic PDF form, which will be equal to original form and updated copy. In this case, updated copy will replace the old form.

Step 1. Prepare Template

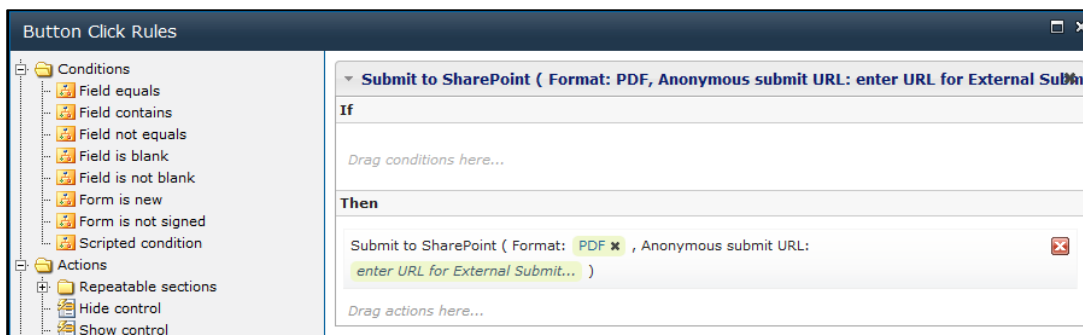


Template has following controls:

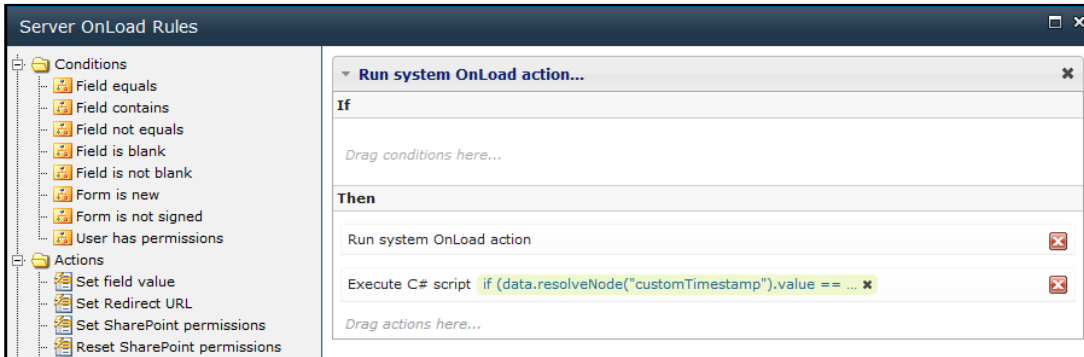
- **“FormName”** text field – user will name new form using this field;
- Three signature fields and text fields (**Info1, Info2 and Info3**) – for demonstration purposes;
- **“customTimestamp”** text field – it will store current date and time in milliseconds, will be used as unique ID for this form;
- Submit button.

NOTE: “customTimestamp” field must be set to “hidden”.

NOTE: this is Dynamic form with advanced features – set submit button format to “PDF” (select button, then go to PDF Form Tools → Properties → Actions → Button Click).



Step 2. Add script to “Form Load” event (PDF Form Tools → Development → Form Load)



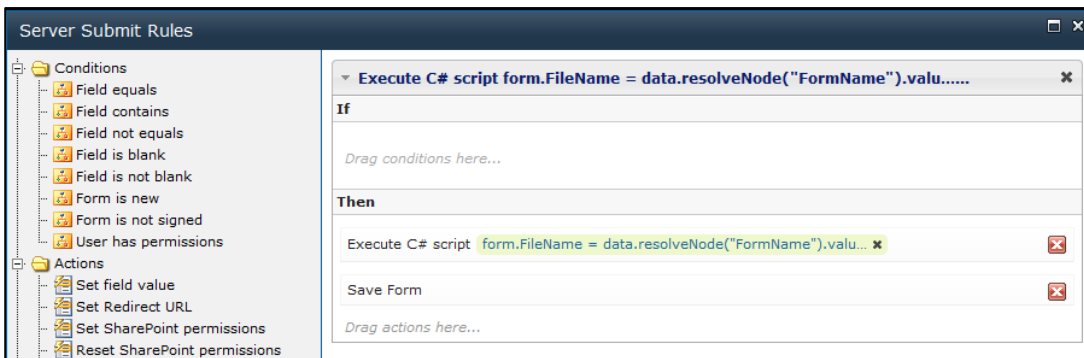
Step 2.1. Add “Execute script” action under “Run system OnLoad action”

Code:

```
if (data.resolveNode("customTimestamp").value == "")
{
    long customTimestamp = DateTime.UtcNow.Ticks;
    data.resolveNode("customTimestamp").value = customTimestamp.ToString();
}
```

This code will get current date and time in milliseconds and save it in “**customTimestamp**” text field on first form opening (when “**customTimestamp**” text field is empty).

Step 3. Add script to “Form Submit” event (PDF Form Tools → Development → Form Submit)



Step 3.1. Add “Execute C# script” action above “Save Form” action

Code:

```
form.FileName = data.resolveNode("FormName").value + "_" +
data.resolveNode("customTimestamp").value + ".pdf";
```

This code will set name for this PDF form.

Step 4. Deploy and create new form

Form Name	<input type="text"/>	<input type="button" value="Save"/>
Info 1	<input type="text"/>	SignatureField1 <input type="text"/>
Info 2	<input type="text"/>	SignatureField2 <input type="text"/>
Info 3	<input type="text"/>	SignatureField3 <input type="text"/>
Custom Timestamp	<input type="text" value="635138937934671777"/>	

Newly created form already has custom timestamp.

NOTE: “customTimestamp” field must be set to “hidden”, it is shown only for demonstration purposes

Step 4.1. Add form name, fill “Info 1” and add one signature

Form Name	<input type="text" value="A new form"/>	<input type="button" value="Save"/>
Info 1	<input type="text" value="some info 1"/>	SignatureField1 <input type="text" value="Test"/>
Info 2	<input type="text"/>	SignatureField2 <input type="text"/>
Info 3	<input type="text"/>	SignatureField3 <input type="text"/>
Custom Timestamp	<input type="text" value="635138937934671777"/>	

Step 4.2. Save form and check library

Type	Name
	A new form_635138937934671777 NEW
+ Add document	

Form was created using data from fields.

Step 4.3. Open this form again and fill next line of fields

Form Name	<input type="text" value="A new form"/>	<input type="button" value="Save"/>
Info 1	<input type="text" value="some info 1"/>	SignatureField1 <input type="text" value="Test"/>
Info 2	<input type="text" value="some info 2"/>	SignatureField2 <input type="text" value="Test"/>
Info 3	<input type="text"/>	SignatureField3 <input type="text"/>
Custom Timestamp	<input type="text" value="635138937934671777"/>	

Form has same timestamp value and name.

Step 4.4. Save and check library again

Type	Name
	A new form_635138937934671777 NEW
+ Add document	

We still have only one form but with updated data inside.

NOTE: if there is need to trigger workflow when form is updated, need to use “item is created” instead of “item is changed” because technically we recreate updated form.