



PDF SHARE FORMS

Online, Offline, OnDemand

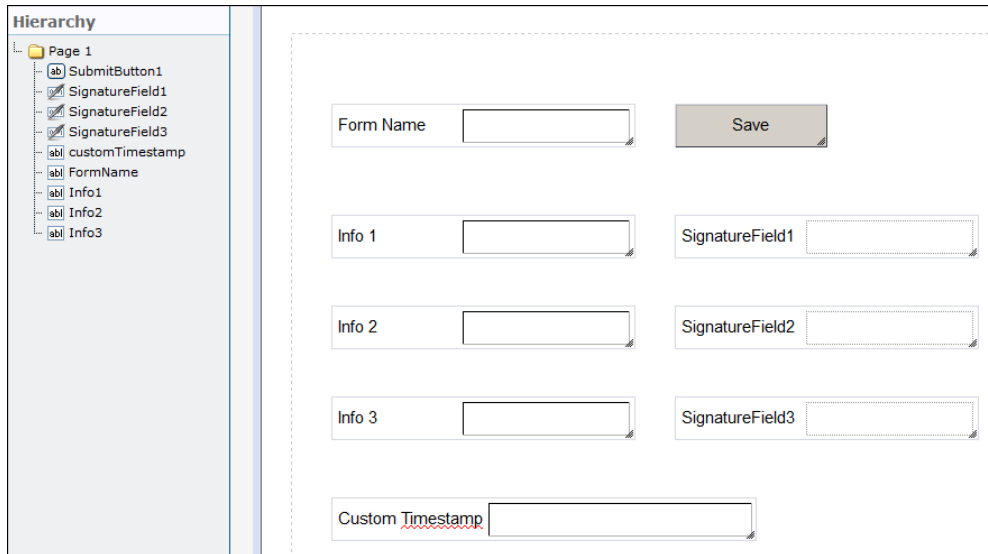
PDF forms and SharePoint are better together

How to force Dynamic PDF form
with advanced features
update form data
instead of creating new form

The main concern 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 not update the form itself.

The idea of the method described in this tutorial is to create a custom name for this Dynamic PDF form, which will be equal to original form and updated copy. In this case, the updated copy will replace the old form.

Step 1. Template

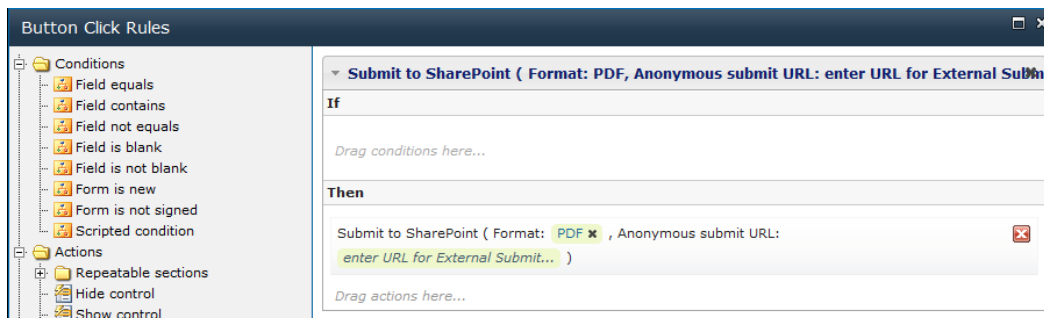


Template has following controls:

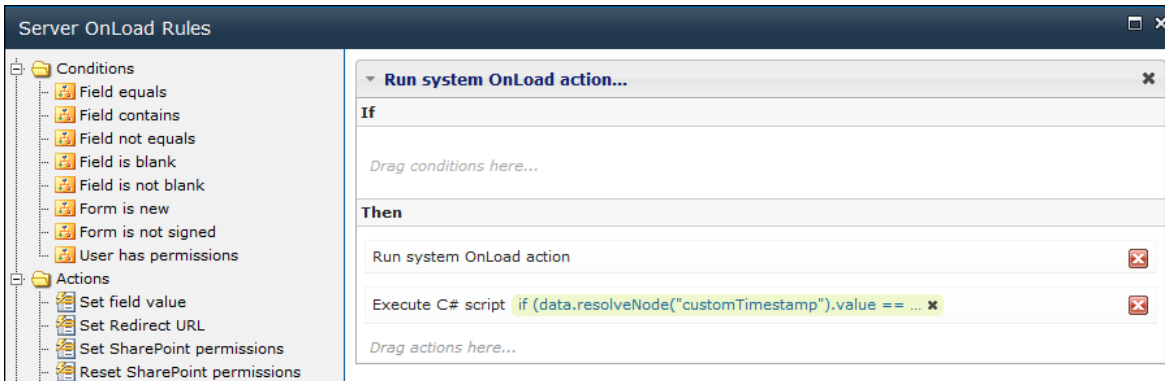
- “FormName” text field – user will name new form using this field;
- Three signature fields and text fields (Info1, Info2 and Info3) – for demonstration purposes;
- “customTimestamp” text field – it will store current date and time in milliseconds and will be used as unique ID for this form.
- Submit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



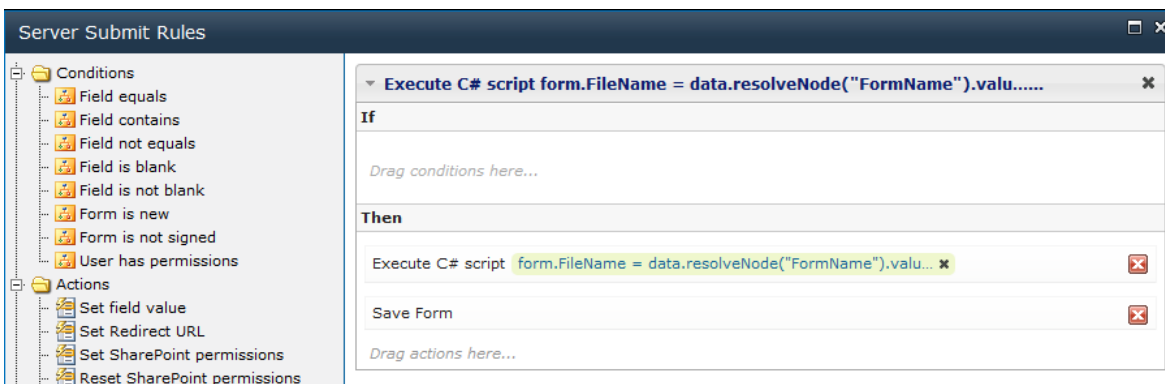
2.1. Add “Execute script” action under “Run system OnLoad action”.

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):



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"/>	

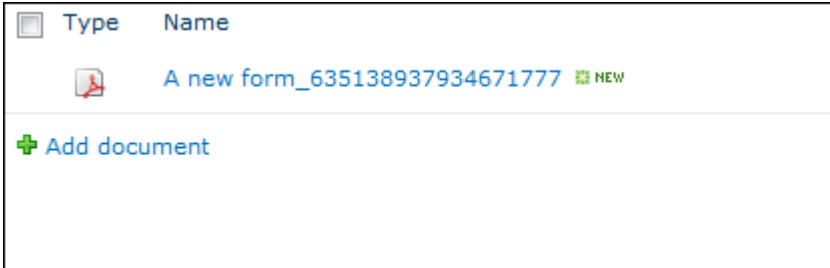
The newly created form already has custom timestamp.

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

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 data-bbox="753 1377 977 1423" 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"/>	

4.2. Save form and check library



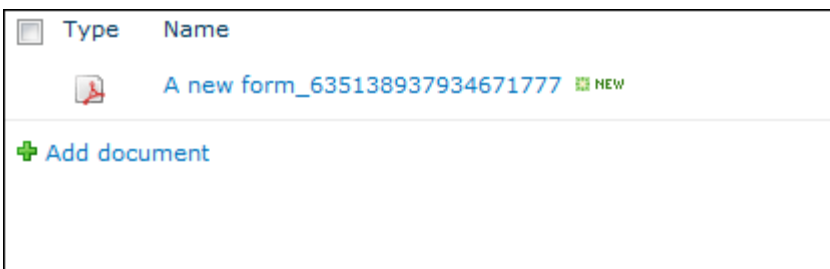
Form was created using data from fields.

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 data-bbox="690 926 893 968" type="text" value="Test"/> <small>Digitally signed by Test DN: cn=Test, o=PDFShareForms, ou=PDFShareForms, email=Test@pdfshareforms.com, c=US Date: 2013.08.04 15:21:03 +0200</small>
Info 2	<input type="text" value="some info 2"/>	SignatureField2 <input data-bbox="690 1037 893 1079" type="text" value="Test"/> <small>Digitally signed by Test DN: cn=Test, o=PDFShareForms, ou=PDFShareForms, email=Test@pdfshareforms.com, c=US Date: 2013.08.04 15:21:26 +0200</small>
Info 3	<input type="text"/>	SignatureField3 <input data-bbox="690 1148 893 1190" type="text"/>
Custom Timestamp	<input type="text" value="635138937934671777"/>	

Form has same timestamp, value and name.

4.4. Save and check library again



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