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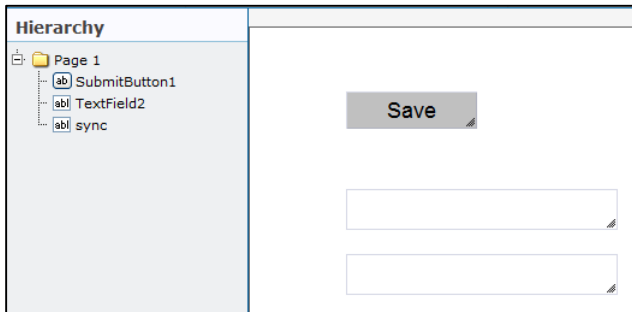
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Turn off OnSync action

This guide will show how to turn off “OnSync” action of current file based on approval status.

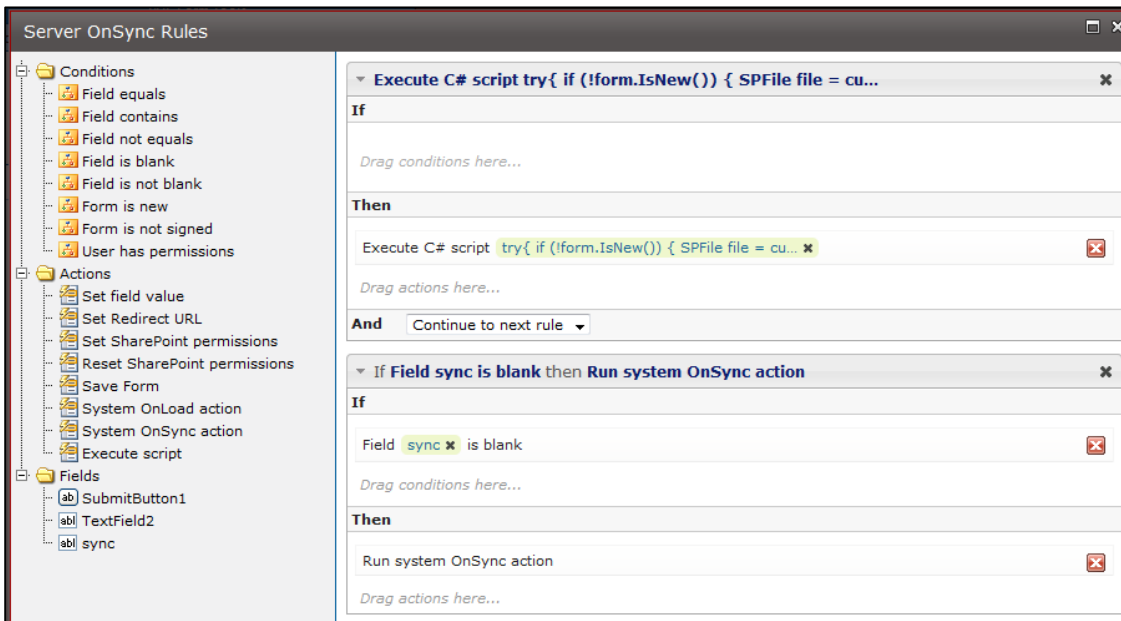
Step 1. Prepare template



Following template has submit button and two text fields. “TextField2” is a simple field for filling with information. “sync” field is a flag field which will signal if sync must be turned off.

NOTE: sync field must be set to “hidden” so regular users couldn’t change its value manually.

Step 2. Add script to Form Sync (**PDF Form Tools** → **Developer** → **Form Sync**):



There are two rules: default rule with “Run system OnSync action” and rule with custom script, which was added manually.

Step 2.1. Add “Field is blank” condition to “If” section of the rule with sync action inside. In addition to existing rule with “Run system OnSync action”, add one more rule by clicking “Add rule” and drag it up to place at the top of the rules’ list. In the “Then” tab of newly created rule drag “Execute script” action.

Step 2.2. Code for “Execute script” action:

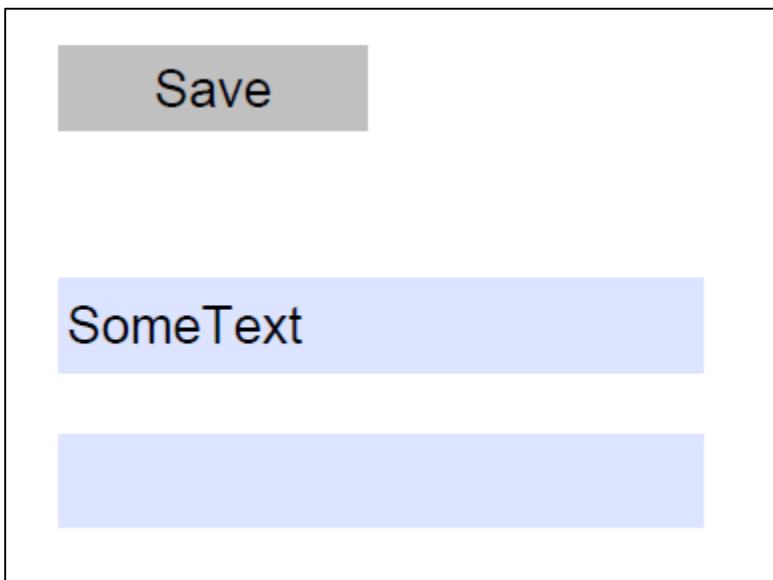
```
if (!form.IsNew())  
{  
    SPFile file = currentWeb.GetFile(form.DocumentID);  
    SPListItem item = file.Item;  
    if (item.ModerationInformation.Status == SPModerationStatusType.Approved)  
    {  
        data.resolveNode("sync").value = "doNotSync";  
    }  
    else  
    {  
        data.resolveNode("sync").value = "";  
    }  
}
```

Code will check if form is new. If it is not new script will check if form is approved and if it is not approved field “**sync**” will be set to blank if form is approved then “**sync**” field will be filled with text – “**doNotSync**” and continue to the next rule. Second rule will check if field “**sync**” is blank.

So if “**sync**” field is blank then system will run OnSync action if “**sync**” is not blank then synchronization will not be turned on.

Step 3. Deploy and create:

Step 3.1 Create, fill and save form



The screenshot shows a form interface with a grey 'Save' button at the top. Below it is a light blue text field containing the text 'SomeText'. Underneath that is another light blue text field, which is currently empty.

TextField2 is filled with some data.

Step 3.2 Approve form

Open library and choose created form:

Type	Name	Modified	Modified By	Approval Status
	cancelSync_27 <small>NEW</small>	3/5/2014 2:48 AM	DEMO\Administrator	Pending
<input checked="" type="checkbox"/>	cancelSync_44 <small>NEW</small>	3/5/2014 6:32 AM	DEMO\Administrator	Pending

Choose **“Approved”** from suggested options in radio buttons:

Approve/Reject

Approval Status
 Approve, reject, or leave the status as Pending for others with the Manage Lists permission to evaluate the item.

Approved. This item will become visible to all users.

Rejected. This item will be returned to its creator and only be visible to its creator and all users who can see draft items.

Pending. This item will remain visible to its creator and all users who can see draft items.

Comment
 Use this field to enter any comments about why the item was approved or rejected.

OK Cancel

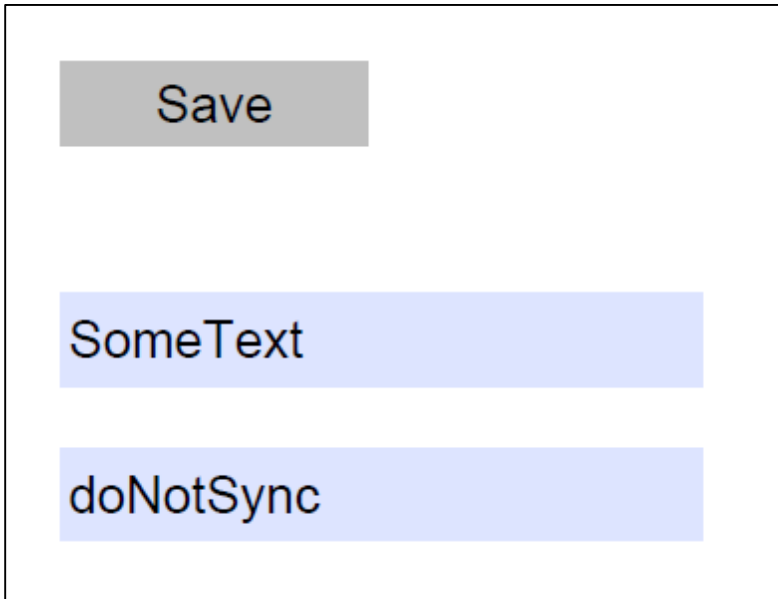
Check form in library:

Type	Name	Modified	Modified By	Approval Status
	cancelSync_27 <small>NEW</small>	3/5/2014 2:48 AM	DEMO\Administrator	Pending
	cancelSync_44 <small>NEW</small>	3/5/2014 6:40 AM	DEMO\Administrator	<u>Approved</u>

+ Add document

“cancelSync_44” file is now approved.

Step 4. Open form:



The screenshot shows a form with three elements: a grey 'Save' button at the top, a light blue text input field containing the text 'SomeText', and a light blue text input field containing the text 'doNotSync'.

Now, when form is approved, “sync” field is filled with “doNotSync” text value and while it is inside, “OnSync” event will not trigger.

NOTE: sync field must be set to “hidden” so regular users couldn’t change its value manually. Currently it is set to “visible” only for demonstration purposes.