



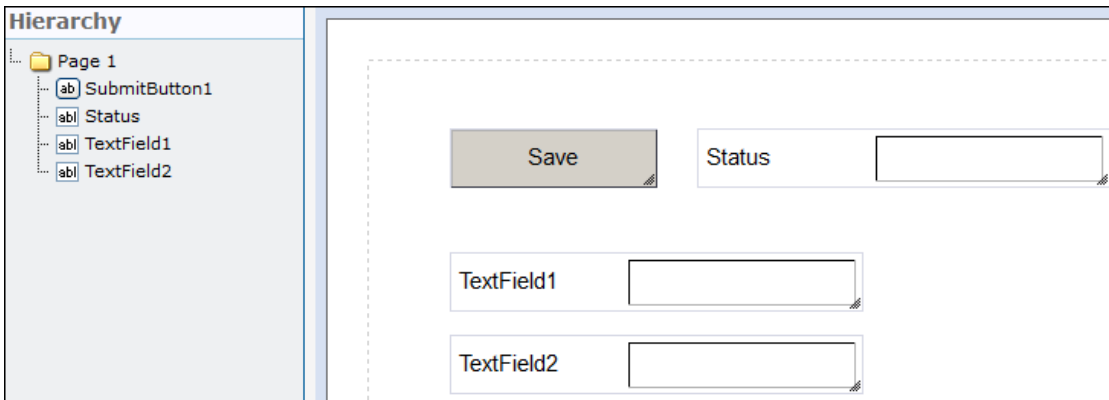
PDF SHARE FORMS

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Flattening fields based
on approval status

This guide describes the steps to change a form field to read-only if form is approved, or make field fillable if form is rejected or pending.

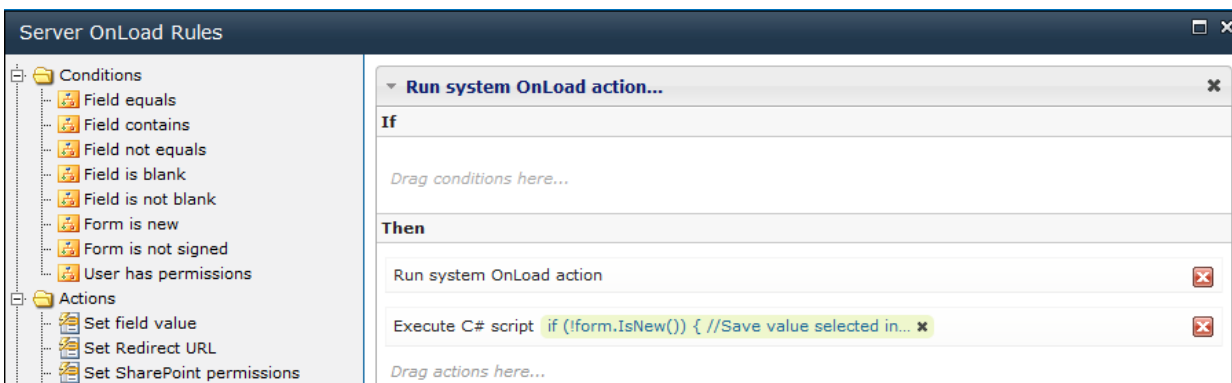
As an example, we will use the following template:



This template has one submit button and three text fields:

- “TextField1” and “TextField2” are for demonstration purposes – they will become read-only if form is approved. The text field (TextField1) must be hidden, so that users can’t change its value;
- “Status” text field will store current document approval status. It must be “hidden”, so that users can’t change value inside it.

Step 1. Add server-side “Form Load” script action: *PDF Form Tools* → *Developer* → *Form Load*.



Step 2. Place “Execute script” action under “Run system OnLoad action”.

Code:

```
SPListItemCollection items = currentSPItem;

foreach(SPListItem item in items){
    data.resolveNode("Status").value = item["Approval Status"].ToString();
}
```

This code will get the current form and set its approval status to “Status” text field.

Step 3. Add script to “On Form Ready Script” event: *PDF Form Tools* → *Developer* → *On Form Ready Script*.

Code:

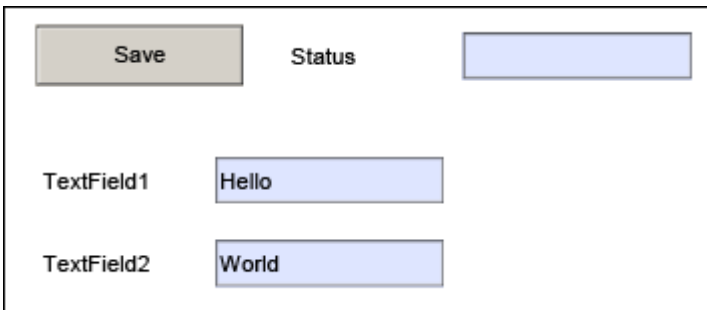
```
if (xfa.resolveNode("$data..Status").value == '0'){
  xfa.resolveNode('$form.Root.Default..TextField1').access = "readOnly";
  xfa.resolveNode('$form.Root.Default..TextField2').access = "readOnly";
} else {
  xfa.resolveNode('$form.Root.Default..TextField1').access = "open";
  xfa.resolveNode('$form.Root.Default..TextField2').access = "open";
}
```

This code will set “TextField1” and “TextField2” to:

- *Read-only* if value inside “Status” text field equals “0” (Approved);
- *Open* if value inside “Status” text field equals “1” or “2”.

Step 4. Deploy the template to the library with enabled “Content Approval”.

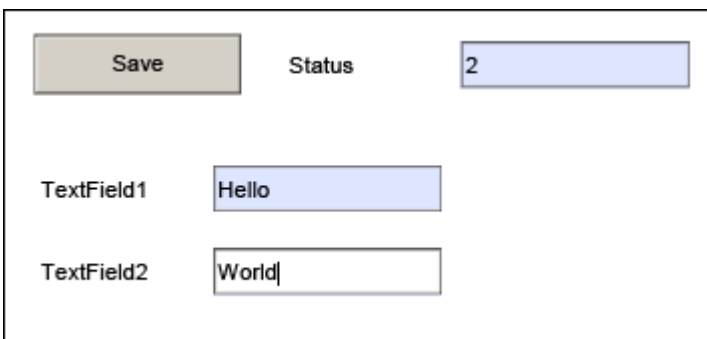
Create a form, fill it out and submit.



NOTE: “Status” field must be set to “hidden”. It is visible only for demonstration purposes.

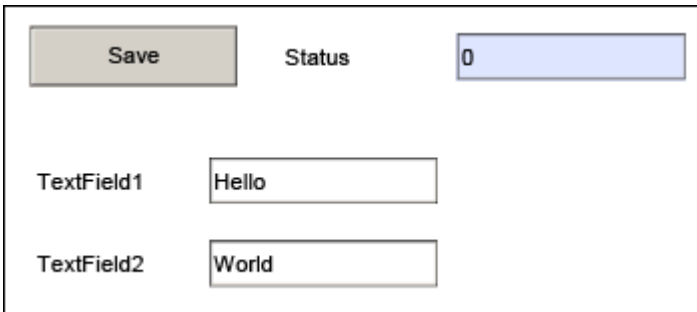
The approval status of the form is marked as "Pending".

Step 4.1. Open the form again.



Both fields are still fillable and “Status” is changed to “2”.

Step 4.2. Go back to the library, approve the form and open it again.



Both fields are set to read-only and “Status” is changed to “0”.

NOTE: If form status changes to “Pending” or “Rejected”, fields will become fillable again.

Remove the highlighted piece of the following code if you want to prevent the above mentioned action:

```

if (xfa.resolveNode("$data..Status").value == '0'){
  xfa.resolveNode('$form.Root.Default..TextField1').access = "readOnly";
  xfa.resolveNode('$form.Root.Default..TextField2').access = "readOnly";
} else {
  xfa.resolveNode('$form.Root.Default..TextField1').access = "open";
  xfa.resolveNode('$form.Root.Default..TextField2').access = "open";
}

```