

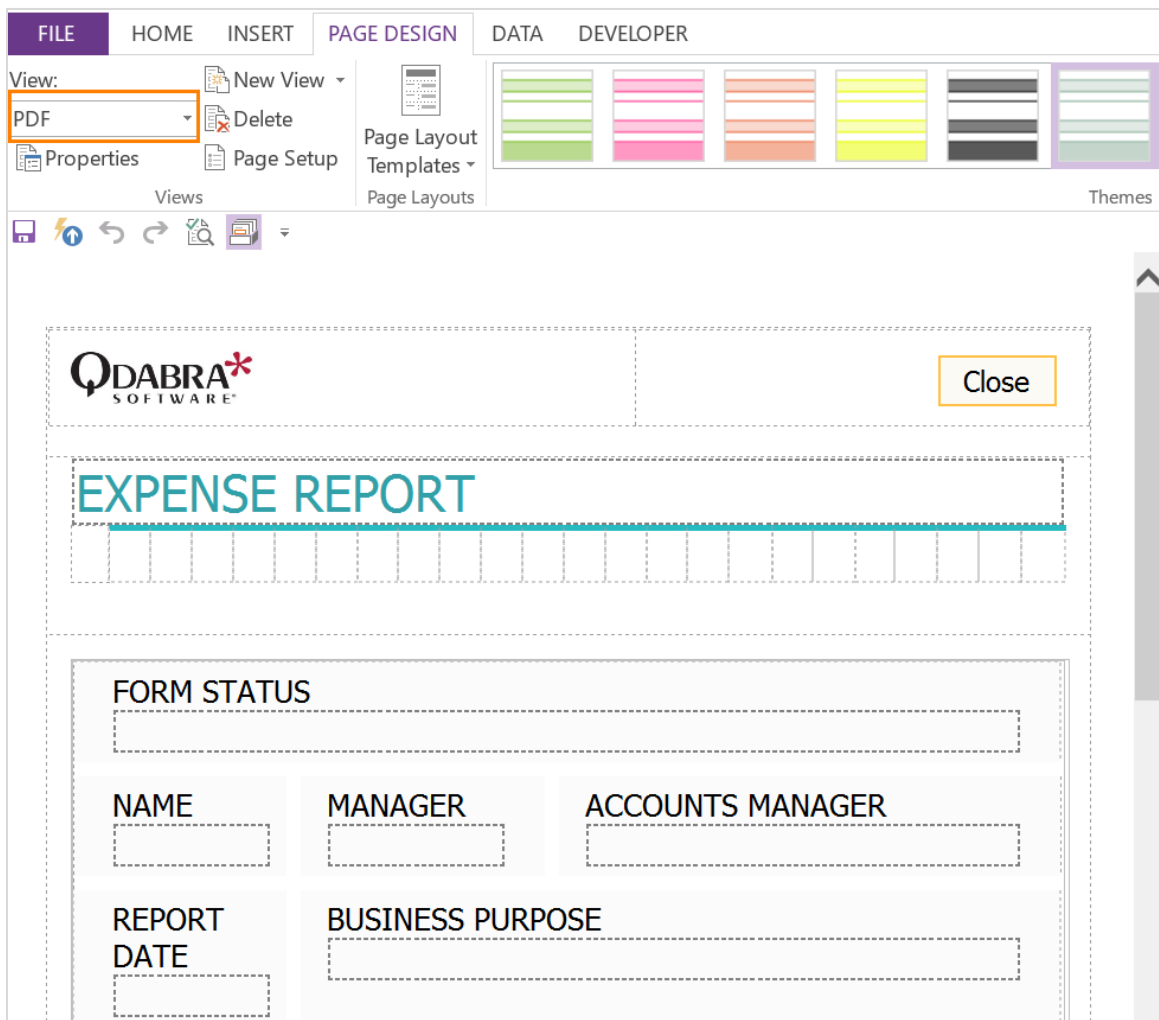


Lab 1 – Generate your form as PDF

Overview

There are times when you need to print a PDF copy of a view in your form. This has become possible with the aid of the RenderForm command. It gives you the ability to select a view that you want to render as PDF. It also offers the option to generate the PDF in the browser or automatically download the PDF to your local machine.

In this lab, we're going to guide you on how to apply the RenderForm command in the Expense Report Form. There's already a pre-built view that we can use to generate a PDF copy of a submitted form. The view's name is PDF.



The screenshot shows the QDABRA Software interface with the 'PAGE DESIGN' tab selected. The 'View:' dropdown is set to 'PDF'. The main form area displays the 'EXPENSE REPORT' form. The form includes a 'Close' button, a title bar, and several input fields for form data.

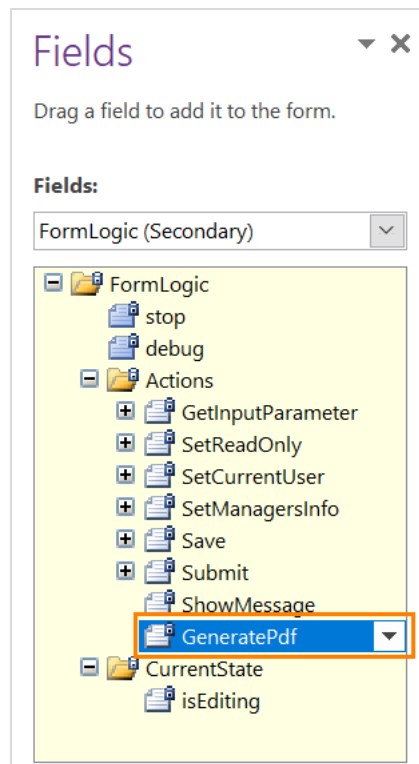
EXPENSE REPORT											
FORM STATUS											
NAME											
MANAGER				ACCOUNTS MANAGER							
REPORT DATE				BUSINESS PURPOSE							

Before you start

This lab assumes that you have finished the previous labs in this training. Use the Start form provided in this lab.

Add the RenderForm Command

1. In the Fields pane, select the FormLogic secondary data source and navigate to GeneratePdf node (/FormLogic/Actions/GeneratePdf)



2. Create a new rule under the **Reset self** rule. Let's call it **Render Form as PDF**
3. Under this rule, create an action that sets the QdabraRules Command node to the following:

```
RenderForm /format=pdf /views=PDF /output=base64 /open=browser
```

Rule Details ? X

Action:

Set a field's value

Field:

Command

Value:

RenderForm /format=pdf /views=PDF /output=base64 /open=browser

OK Cancel

Fields ▾ X

Drag a field to add it to the form.

Fields:

FormLogic (Secondary) ▾

- FormLogic
 - stop
 - debug
 - Actions
 - GetInputParameter
 - SetReadOnly
 - SetCurrentUser
 - SetManagersInfo
 - Save
 - Submit
 - ShowMessage
 - GeneratePdf
 - CurrentState
 - isEditing

☐ Show details

Actions

Add Field

Rules ▾

GeneratePdf [Icons]

Stop if blank

Reset self

Render Form as PDF

New ▾

Details for:

Render Form as PDF

Condition:

None - Rule runs when field changes

Rule type:

Action

Run these actions: *

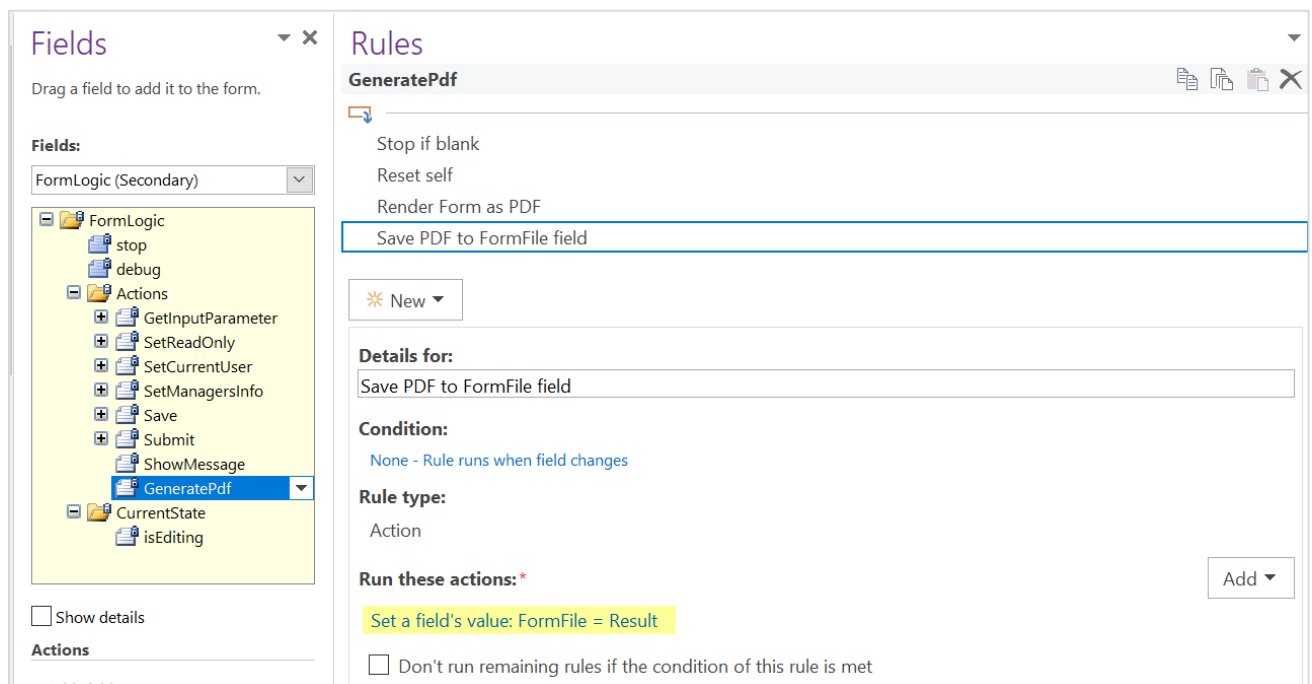
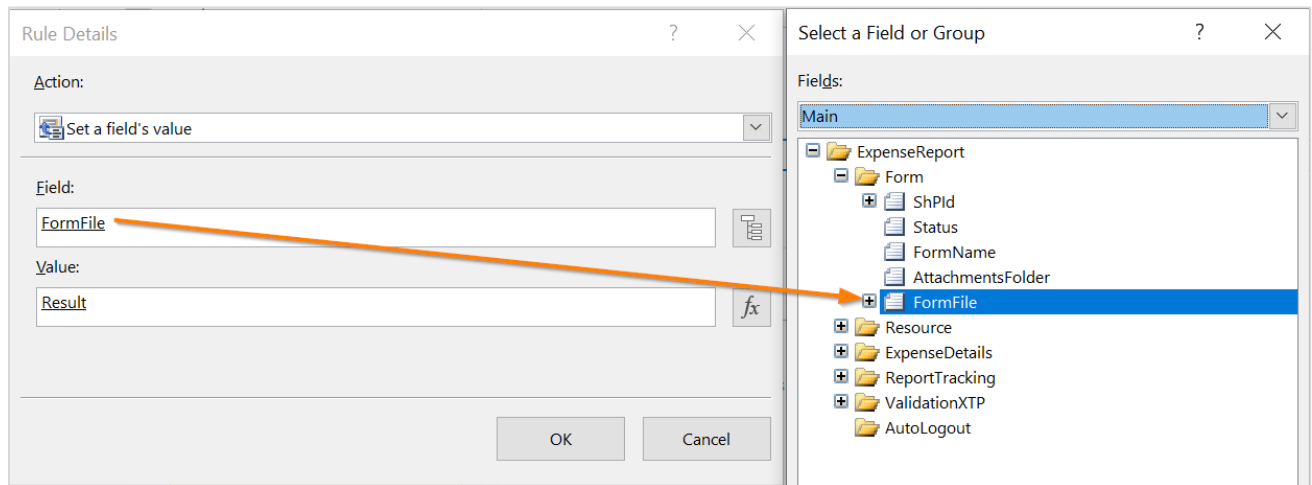
Set a field's value: Command = "RenderForm /format=pdf /views=PDF /output=base64 /open=browser"

☐ Don't run remaining rules if the condition of this rule is met

Add ▾

Save PDF output to a File type (base64) Field

1. Create another rule, let's call it **Save PDF to FormFile field**, to save the PDF output of the command execution to a file type field in the main data source, which is the FormFile field. To do this, set the FormFile to have the value of QdabraRules Result node

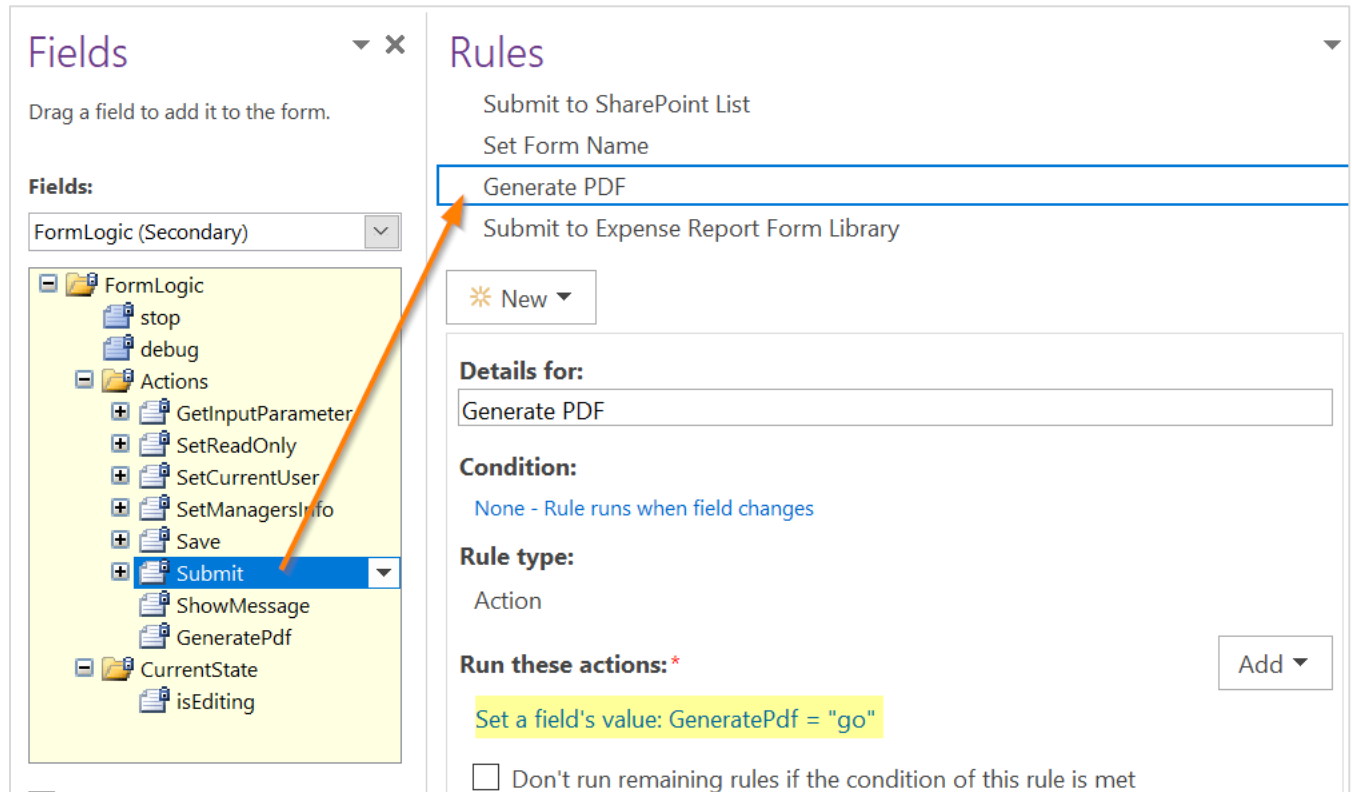


Add Trigger on Submit

Since we want the PDF to be generated after submit, we'll add the necessary rules in FormLogic → Submit node.

1. Go to the Submit node in FormLogic (/FormLogic/Actions/Submit)

2. Add a new rule just before the submit to library rule, to trigger the PDF generation. Let's call the rule **Generate PDF**. Here we are setting the GeneratePdf node, which is also under FormLogic/Actions, with the value **go**.



3. Save the changes and upload the form to FormsViewer

Test the form

Open a new Expense Report Form. Enter values to the form and click **Submit**. Wait for a few seconds until the PDF is generated in the browser.

45931f57-d2ea-4ae5-95cf-c9d4bc82d074

1 / 2



EXPENSE REPORT

FORM STATUS
SUBMITTED

NAME
Kervi Laborte

MANAGER
Patrick Halstead

ACCOUNTS MANAGER
Patrick Halstead

REPORT DATE
4/12/2020

BUSINESS PURPOSE
client meeting

EXPENSE ITEMS				FROM: 4/5/2020	TO: 4/5/2020
CATEGORY	EXPENSE DATE	DESCRIPTION	MERCHANT	RECEIPT	AMOUNT
Meals	4/5/2020	testing	testing		\$40.00
SUBTOTAL					\$40.00
LESS CASH ADVANCE					\$0.00
TOTAL					\$40.00

RECEIPTS

The Queen's Incorporated of 600 Building
Address: 7th St. No. _____

OFFICIAL RECEIPT

Received from: _____ Date: _____

Paid to:	Amount:
_____	_____
_____	_____
_____	_____
TOTAL:	_____

☐ Cash ☐ Check ☐ Store to Card use

Feel free to download the PDF manually to your local machine. If you want the form to automatically download the PDF for you right after submit, simply change the value of the parameter `/open` from **browser** to **download**. Here's a sample command syntax:

```
RenderForm /format=pdf /views=PDF /output=base64 /open=download
```

Congratulations! You have successfully implemented the RenderForm command in FormsViewer.

Contact Information

Qdabra Software
218 Main Street,
Suite 731,
Kirkland, WA
98033

Phone: 877.544.2389
Email: Support@Qdabra.com
Website: <http://www.qdabra.com>
Community: <http://www.infopathdev.com>