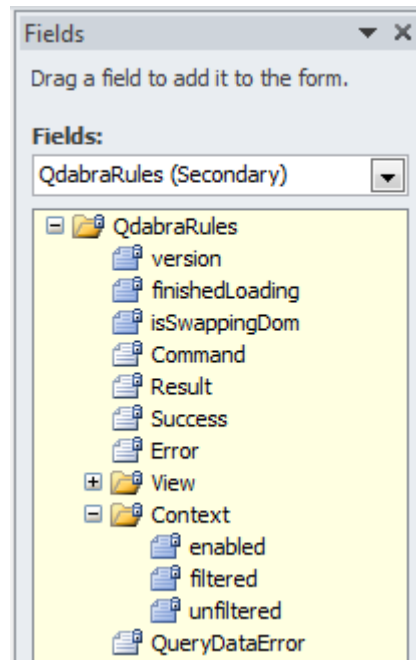




## QDABRA QRULES V3.1

### Use qRules to identify and set focus

Starting with qRules v3.1, a **Context** node has been added to the QdabraRules secondary data connection to identify which node currently has focus.

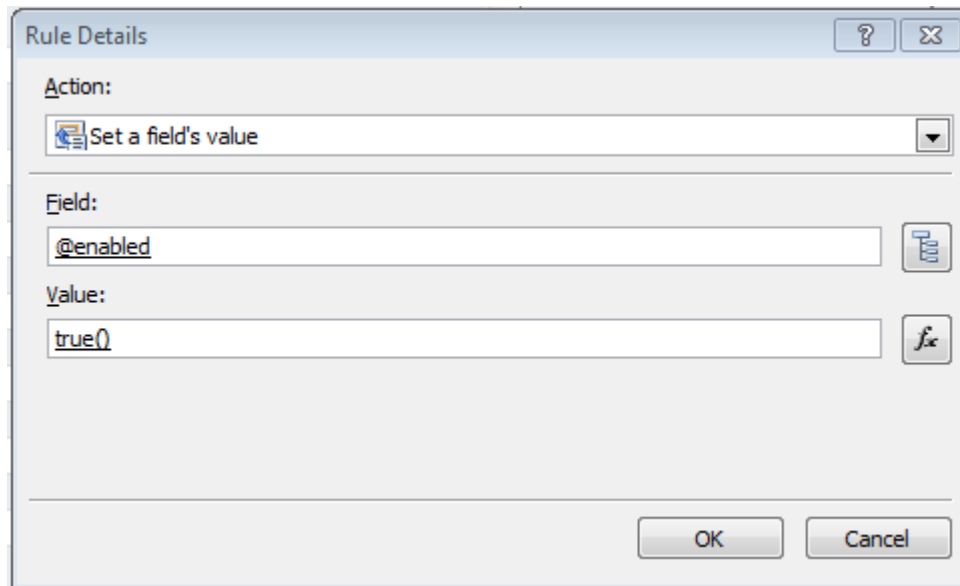


The following sections assume that you already have a form that has been injected with qRules v3.1 or later.

#### IDENTIFY WHICH NODE HAS FOCUS

To identify which node currently has focus,

1. In your InfoPath form, create a rule that executes on load. In InfoPath 2010, do this by going to the **Data** menu item and then clicking **Form Load**.
2. Click **New** and then select **Action**. Add a rule that sets a field's value.
3. For the **Field**, select the **enabled** node from the **Context** group in the **QdabraRules** secondary data connection.
4. For the **Value**, click the **fx** button and then click **Insert Function**. Select the **true** function and click **OK**.



5. Display the **filtered** and **unfiltered** nodes from the **Context** group in the **QdabraRules** secondary data connection in your form, to display the current location of focus.
6. Preview your form and go from field to field to show that the value of **filtered** and **unfiltered** are updated as the user changes focus.

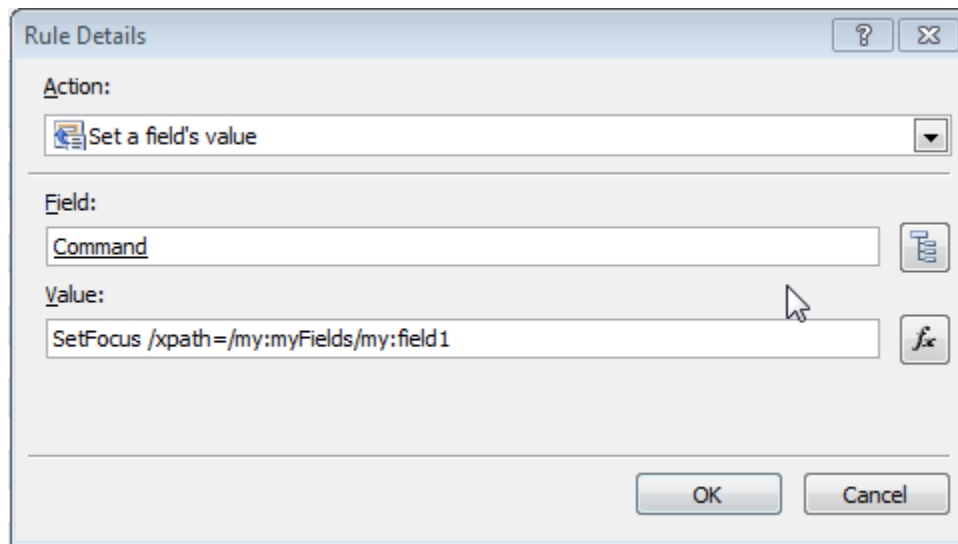
**Notes:**

- The values of **@filtered** and **@unfiltered** are the same for most case, except for repeating data.
- It is good practice to reset **@enabled** as **false()** for better performance if you no longer need to watch the focused field.
- Note that **@filtered** and **@unfiltered** do not get their value set until the user changes the focus after **@enabled** is set as **true()**.

## USE THE SETFOCUS COMMAND

The SetFocus command included in qRules v3.1 and later, you can set focus to the specified xpath.

1. Add a button to your form.
2. Change the label on this button to **'Return to top'**.
3. Add a rule to this button which sets the value of the **Command** field to the **SetFocus** command. In the example below, we are setting focus to **field1**.



4. Preview the form, change focus to another field, then click the button. The focus will be set to **field1**.

This is but one useful application: to allow you to set focus to the top of the form. Once the user reaches the end of the form, she or he might want to revise the form. To quickly return the user to the top of the form, we use the **SetFocus** command to set the focus back to the first field in the canvas.

**Notes:**

- If you want to set focus to a node in a secondary data source, you will need to specify the additional parameter **/dsname=<data source name>**
- Not every field can have a focus set to it. The following MSDN link gives additional details:  
[http://msdn.microsoft.com/en-us/library/bb251012\(v=office.12\).aspx](http://msdn.microsoft.com/en-us/library/bb251012(v=office.12).aspx)