



QDABRA QRULES v2.2

How to use the ClearErrors command

The ClearErrors command was introduced in qRules v2.2. This command deletes the error collection.

PRE-REQUISITES

This tutorial assumes that you have qRules v2.2 is already installed on your machine. For details on this, please see the User Guide included with the installer.

- 1) Create a new InfoPath form: In InfoPath, design a new, blank form. Select **File > Save As** and save the XSN to your local drive. Close the form.
- 2) Launch the qRules v2.2 Injector, browse to select the XSN you created and click **Inject**. Close the qRules Injector and open the form in Design mode.

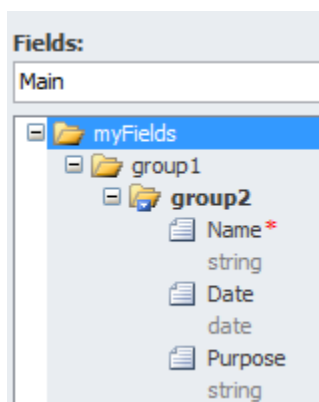
For more information on the steps above, refer to the User Guide.

This tutorial also assumes that user has configured a Submit button, which uses **SubmitToSharePointList** qRules command. Please refer this [blog post](#) to learn more about this command.

EXECUTION STEPS

Let's discuss **ClearErrors** command with an example. Design your form template based on the following steps:

- 1) Your main data source should be similar to the below one (Note: Name field cannot be blank).



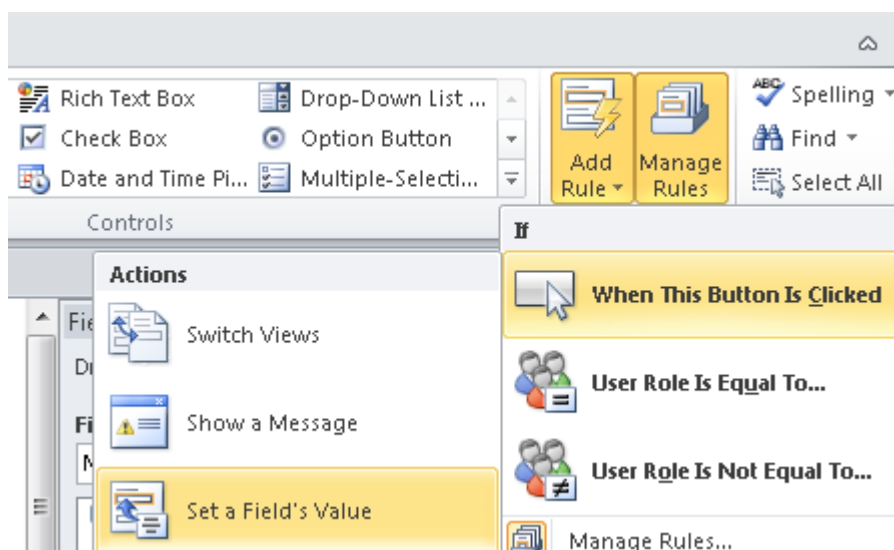
- 2) Drag and drop the above created controls onto your canvas. You will have a layout similar to the one shown in the screenshot below.



Name	Date	Purpose

☒ Repeating Table

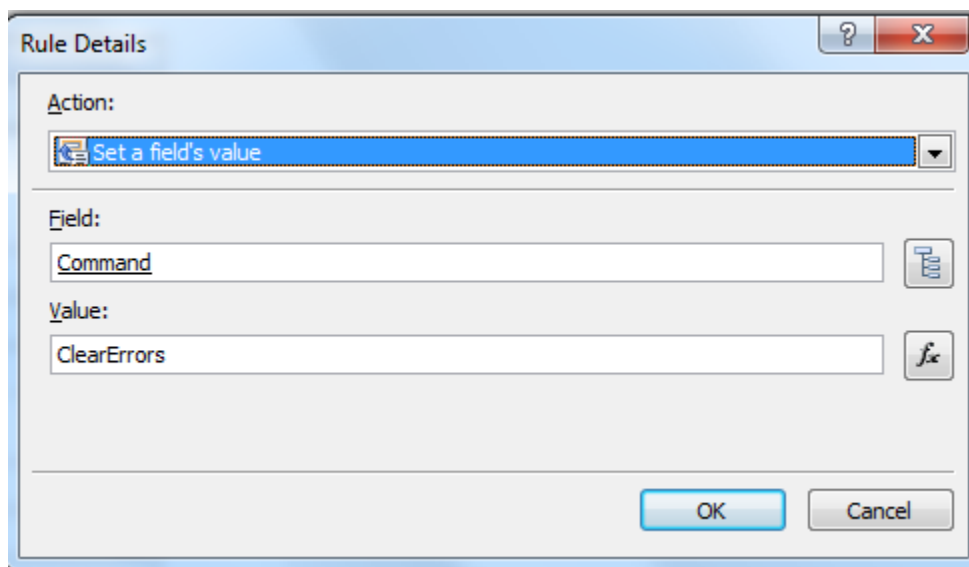
- 1) Click on the **ClearErrors** button, and then from **Home > Add Rule > When This Button is Clicked > Set a Field's Value**:



- 2) Now set the **Field** value to point to the **QdabraRules(Secondary) Command** field.

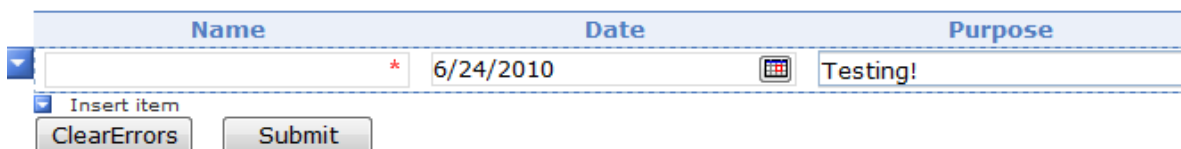


- 3) Set the **Value** to **ClearErrors**. Finally the rule should look similar to that shown below:



The 'Rule Details' dialog box is shown. It has a title bar with a question mark and a close button. The main area contains three sections: 'Action:' with a dropdown menu showing 'Set a field's value'; 'Field:' with a text box containing 'Command'; and 'Value:' with a text box containing 'ClearErrors'. There are also icons for field selection and formula entry. At the bottom are 'OK' and 'Cancel' buttons.

- 4) Click **OK**.
- 5) Now drag and drop the QdabraRules **Result**, **Success**, and **Error** fields into the view.
- 6) Preview the form.
- 7) Enter data in the **Date**, and **Purpose** field as shown below, and click **Submit** button.



The form preview shows a table with three columns: 'Name', 'Date', and 'Purpose'. The 'Name' column has a red asterisk indicating a validation error. The 'Date' column contains '6/24/2010' and the 'Purpose' column contains 'Testing!'. Below the table are two buttons: 'ClearErrors' and 'Submit'.

- 8) You will notice a validation error in the **Error** field, because there is no data in the **Name** field.



Name	Date	Purpose
*	6/24/2010	Testing!

Result:

Error:

An unexpected error occurred executing the rule. Action: SubmitToSharePointList
Arguments: submit: Submit mapping: mapping Details: The form cannot be submitted
because it contains validation errors. Errors are marked with either a red asterisk
(required fields) or a red, dashed border (invalid values). Stack: at
Microsoft.Office.InfoPath.Internal.MomExceptionHandler.ExecuteDataConnectionAction
(XmlFormHost formHost, OMC d) at
Microsoft.Office.InfoPath.Internal.WebServiceConnectionHost.Execute
(XPathNavigator input, XPathNavigator output, XPathNavigator errors) at
Qdabra.Tools.RulesLibrary.Commands.UploadData(String siteUrl, DataConnection dc)
at Qdabra.Tools.RulesLibrary.Commands.SubmitToSharePointList(String submitDs,
String mappingDs, String id) at
Qdabra.Tools.RulesLibrary.Commands.ExecuteCommand()

Success ☐

- 9) Now click **ClearErrors** button to delete the error collection, and click **Submit** button again. This time you will notice that the form is published to a SharePoint library.

Name	Date	Purpose
	6/24/2010	Testing!

Result:

Error:

Success ☒

This command is useful when submitting an incomplete form. However, note that InfoPath provides no way to restore the error collection other than closing and reopening the form.