

USING LIST FORMS ACROSS MULTIPLE SITES

This document describes the steps to use an InfoPath list form on multiple SharePoint sites

FVLINKS

- Obtain the latest version of the FVLinks file from InfoPathDev:
http://www.infopathdev.com/files/folders/formsviewer_v11/entry107623.aspx
- Edit the file to add the needed configuration options:
 - queryString
 - templateName
 - isList – set this value to **true**
- Edit line 99 of the file to change the **listItemId** parameter name to something else (e.g. openItemId):
 - var idParameter = '&openItemId=' + itemId;
- Upload the file to SharePoint and set it up in your list view in accordance with the documentation.

WITHIN THE LIST FORM

Since we modified the FVLinks file in the previous section to pass list item IDs into the form using a parameter name other than **listItemId**, FormsViewer will not automatically attempt to query items whose ID is passed in via the URL.

This is by design – we need to be able to redirect the form’s main data connection to the site from which the form is being opened before it tries to query the indicated item from the list.

The steps in this section detail how to get the current site’s URL, how to redirect the main data connection to the list in that site, how to get an item ID that is passed into the form via the URL, and how to query that item.

1. Ensure that your List form has been injected with qRules. You can do this by uploading the form to FormsViewer and using the Design page in FormsViewer.
2. After injecting the form, download it from FormsViewer and open it in InfoPath designer.
3. In the Fields pane, open the Advanced view and switch to the QdabraRules data source.
4. Ensure that the Rules pane is open and add Action rules to carry out the actions in the following steps.



5. Use `GetInputParameter` to get the value of the **Source** parameter.

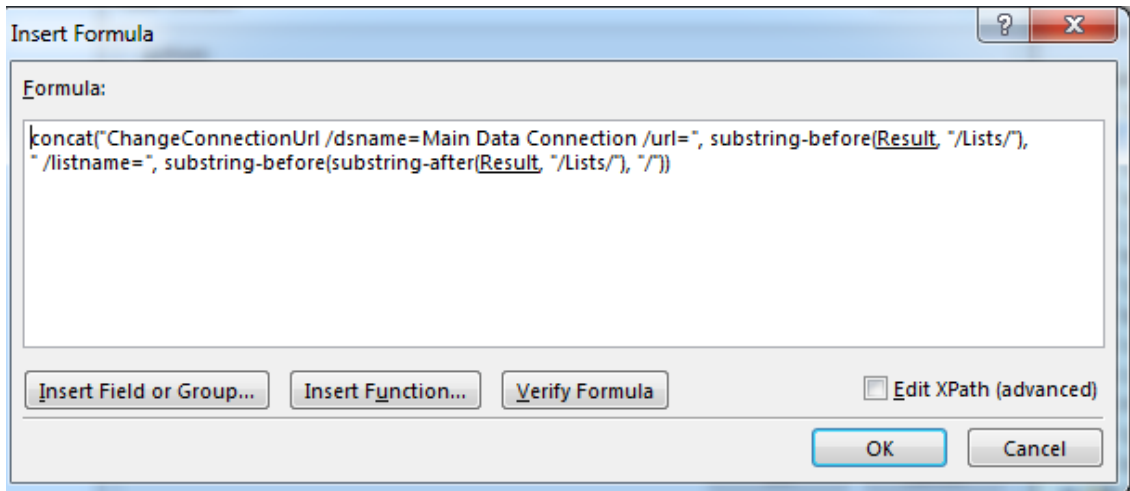
The screenshot shows a 'Rule Details' dialog box with the following configuration:

- Action:** Set a field's value
- Field:** Command
- Value:** GetInputParameter /key=Source

Buttons: OK, Cancel

- a. This should contain the URL of the list that users are coming from when they click a link to open the form. You can use **substring-before()** on this value to get the URL of the site that users are coming from.
Source contains both the site Url and list name, we can use below formulas to get these values:
 - i. SiteUrl
`substring-before(Result, "/Lists/")`
 - ii. ListName
`substring-before(substring-after(Result, "/Lists/"), "/")`
6. Use the `ChangeConnectionUrl` command to redirect the main data connection
- a. Specify **Main Data Connection** as the `/dsname` parameter. You would specify the site URL in the `/url` parameter and the list name in the `/listname` parameter





Insert Formula

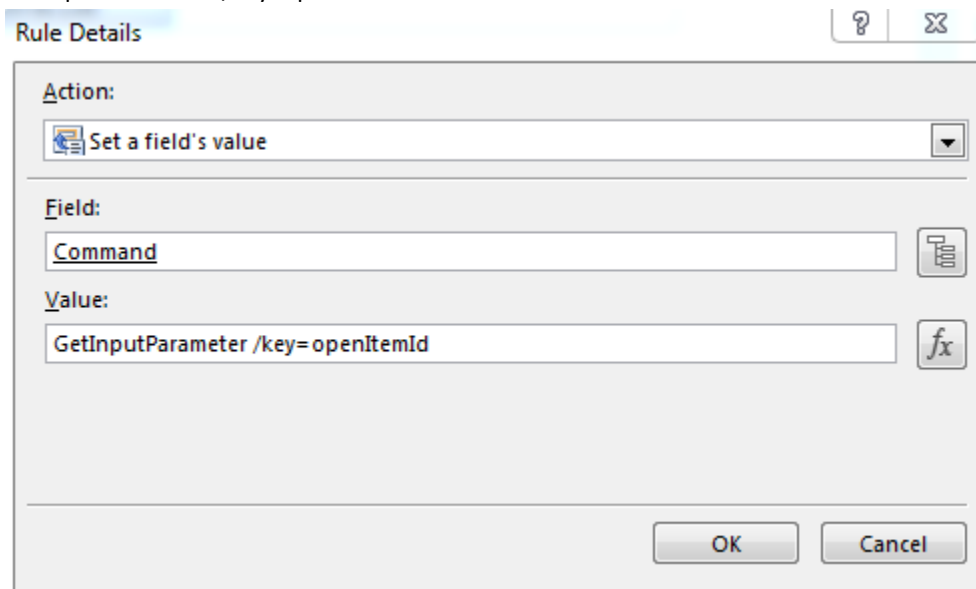
Formula:

```
concat("ChangeConnectionUrl /dsname=Main Data Connection /url=", substring-before(Result, "/Lists/"),
"/listname=", substring-before(substring-after(Result, "/Lists/"), "/"))
```

Insert Field or Group... Insert Function... Verify Formula ☐ Edit XPath (advanced)

OK Cancel

7. Use GetInputParameter to get the list item ID
 - a. In the above section, we used **openItemId** as an example of a parameter name for this.
GetInputParameter /key=openItemId



Rule Details

Action:

Set a field's value

Field:

Command

Value:

GetInputParameter /key= openItemId

OK Cancel

8. Query the main data connection to retrieve the specified list item. Use a rule condition so that the query is only performed when the GetInputParameter command successfully retrieves a value.



Query Item if id exists

 New ▾

Details for:
Query Item if Id exists

Condition:
Success = TRUE

Rule type:
Action

Run these actions: * Add ▾

Set a field's value: ID = Result

Query using a data connection: Main Data Connecti...

Select a Field or Group

Fields:
Main ▾

- myFields
 - queryFields
 - q:SharePointListItem_RW
 - ID
 - Title
 - Created By
 - Modified By
 - Modified
 - Created
- dataFields

Show basic view

OK Cancel

Rule Details

Drag a field to add it to the rule

Action:
Set a field's value ▾

Field:
ID

Value:
Result

OK Cancel



Rule Details

Action:

Query for data

Data connection:

Main Data Connection

Add...

OK Cancel

