

Configuring Test Step Custom Fields

Xray allows Project Managers to configure fields to be available in Manual Test Steps

- [Configuration](#)
- [Native fields](#)
 - [Actions available](#)
- [Custom fields](#)
 - [Create](#)
 - [Type of fields Available](#)
 - [Actions available](#)
- [Limit of Fields](#)
- [Impact of configuration changes on Tests](#)
- [Impact of configuration changes on existing executions of Tests](#)

Configuration

Native fields

Action, **Data**, and **Expected Result** fields are native fields, i.e, they are present by default. Data and Expected Result can be disabled.

Actions available

Native fields can be:

- enabled
- disabled
- set as required

Name	Description	Type	Flags	Actions
Action	The action to be reproduced by the tester.	Text Field (multi-line)	NATIVE REQUIRED	
Data	Any data the related step requests (e.g. login credentials) to be used by the tester.	Text Field (multi-line)	NATIVE DISABLED	...
Expected Result	The behaviour that the step should accomplish.	Text Field (multi-line)	NATIVE	Enable Required
Deadline for Step execution	This step must be executed before the deadline	Date Picker	REQUIRED	
Is to execute against performance data set		Toggle		...
Which environment		Radio Buttons	DISABLED	...

Custom fields

Create

A project manager can create custom fields to be available when designing Manual Tests

Test Step Custom Fields

Define Test Step "Custom fields" at project level

Name	Description
Action	The action to be reproduced by the tester.
Data	Any data the related step requests (e.g. login credentials) to be used by the tester.
Expected Result	The behaviour that the step should accomplish.
Deadline for Step execution	This step must be executed before the deadline
Is to execute against performance data set	

Create Test Step Field

Name*

Description

Type

Select List (single choice)

Required

This test step field is required

Options*

Add

Create

Cancel

Type	Flags	Actions
Text Field (multi-line)	NATIVE REQUIRED	
Text Field (multi-line)	NATIVE DISABLED	...
Text Field (multi-line)	NATIVE	...
Date Picker	REQUIRED	...
Toggle		...

Type of fields Available

Available **step fields**:

- Toggle

- Date Picker
- Date Picker
- Number field
- Radio button
- Select lists (single choice and multi choices)
- Text field (single and multi-line)
- User Picker

Actions available

Custom fields can be:

- enabled
- disabled
- set as required
- deleted

Test Step Custom Fields

Create

Define Test Step "Custom fields" at project level

Name	Description	Type	Flags	Actions
<div></div> Action	The action to be reproduced by the tester.	Text Field (multi-line)	<div>NATIVE</div> <div>REQUIRED</div>	
<div></div> Data	Any data the related step requests (e.g. login credentials) to be used by the tester.	Text Field (multi-line)	<div>NATIVE</div> <div>DISABLED</div>	<div>...</div>
<div></div> Expected Result	The behaviour that the step should accomplish.	Text Field (multi-line)	<div>NATIVE</div>	<div>...</div>
<div></div> Deadline for Step execution	This step must be executed before the deadline	Date Picker	<div>REQUIRED</div>	<div>...</div>
<div></div> Is to execute against performance data set		Toggle		<div>...</div>
<div></div> Which environment		Radio Buttons	<div>DISABLED</div>	<div>...</div>

Edit

Enable

Required

Delete

Limit of Fields

Xray allows up to 6 fields enabled for a step. The Action field is always present and cannot be disabled. All others fields can be disabled and or delete.

Impact of configuration changes on Tests

Configuration changes made on Test Steps Custom Fields or Native Fields (Data & Expected Result) will be reflected on Tests history, but only for tests that have values for that fields in their Test Steps. The following actions are the ones that are reflected in history:

- **Delete/Remove field:** all affected Tests' history will reflect the deletion of the field;
- **Disable field:** all affected Tests' history will reflect the disable of the field;
- **Enable field:** all affected Tests' history will reflect the return of this field.

1	Action	Data	Expected Result
	Step 1	Data 1	Result 1
	Toggle TSCF	Date TSCF	Date Time TSCF
	✓	11/Sep/20	14/Sep/20 2:00 pm
↓	Attachments (0)		
2	Action	Data	Expected Result
	Step 2	Data 2	Result 2
	Toggle TSCF	Date TSCF	Date Time TSCF
	✗	30/Sep/20	None
	Attachments (0)		

Project settings

Summary

Details

Re-index project

Delete project

Issue types

- Bug
- Epic
- New Feature
- Pre-Condition
- Requirement
- Story
- SubRequirement

Test Step Custom Fields

Define Test Step "Custom fields" at project level

Name	Description	Type	Flags	Actions
Action	The action to be reproduced by the tester.	Text Field (multi-line)	NATIVE REQUIRED	
Data	Any data the related step requests (e.g. login credentials) to be used by the tester.	Text Field (multi-line)	NATIVE	...
Expected Result	The behaviour that the step should accomplish.	Text Field (multi-line)	NATIVE	...
Toggle TSCF	Toggle TSCF Description	Toggle	DISABLED	...
Date TSCF	Date TSCF Description	Date Picker	DISABLED	...
Date Time TSCF	Date Time TSCF Description	Date Time Picker		...

Activity

All

Comments

Work Log

History

Activity

Bruce Wayne created issue - 8 minutes ago

Field

Original Value

New Value

Manual Test Steps

Action:Step 1 [Data:Data 1] [Expected Result:Result 1] [Toggle TSCF:true] [Date TSCF:11/Sep/20] [Date Time TSCF:14/Sep/20 2:00 PM]

Bruce Wayne made changes - 7 minutes ago

Manual Test Steps

Action:Step 2 [Data:Data 2] [Expected Result:Result 2] [Toggle TSCF:false] [Date TSCF:30/Sep/20] [Date Time TSCF:

Bruce Wayne made changes - Just now

Manual Test Steps

Field Toggle TSCF disabled [Value(s) concealed Step 1: true]

Bruce Wayne made changes - Just now

Manual Test Steps

Field Date TSCF disabled [Value(s) concealed Step 1: 11/Sep/20, Step 2: 30/Sep/20]

Note: Toggle fields - Since the default value for them represents "FALSE", the actions performed in this field will only be reflected in Test History if the value is "TRUE". As you can see in the example above.

Impact of configuration changes on existing executions of Tests

Please be aware that a change on a custom field that is being used in a Test already being executed may request an action to reset or merge the test definition: [Updating the definition of the Test after execution started](#)

