

# Test

In very simple terms, a Test is a sequence of steps coupled with conditions or variables, test inputs and an expected result. It is intended to establish the quality, performance or reliability of a piece of system, i.e., test target. Usually, every requirement or objective the test target is expected to achieve needs at least one Test. The success of the Test is determined by comparing expected and actual results.

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## Test Types

Each Test Type has one of three Test Kinds:

- [Gherkin](#)
- [Unstructured](#)
- [Steps](#)

There are 3 default Test Types:

- **Cucumber**: of the Gherkin Kind;
- **Generic**: of the Unstructured Kind;
- **Manual**: of the Steps Kind.

In Global or Project settings, you may add other values for the Test Type.

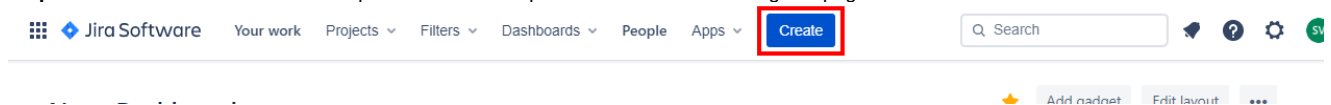
## Actions

- [Create](#)
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- 

## Create

In order to create a new Test Issue,

**Step 1:** Click the **Create Issue** at the top of the screen to open the **Create Issue** dialog box/page.



And in the old UI, click the "+" on the left:

The screenshot displays the Jira Software interface. On the left, the 'Issues and filters' sidebar is visible, featuring a search icon, a back arrow, and the text 'Issues and filters'. Below this, a red box highlights the '+ Create issue (c)' button, with 'Search issues' written underneath. Further down the sidebar are links for 'story last 5mins', 'My open issues', 'Reported by me', 'All issues', 'Open issues', and 'Done issues'. The main content area on the right is titled 'Search' and includes a 'Save as' link. A search bar contains the query 'project=CALC and issuetype in (10007)'. Below the search bar, it shows '1-6 of 6' results. A table with columns 'T', 'Key', and 'Summary' lists the following issues:

T	Key	Summary
	CALC-7	Test Scientific Mode
	CALC-5	Multiple Operations
	CALC-4	Multiply two numbers
	CALC-3	Divide two numbers
	CALC-2	Subtract two numbers
	CALC-1	Add two numbers

At the bottom of the results, it shows '1-6 of 6'.

**Step 2:** Select the **Project** and on **Issue Type**, select Test.

**Step 3:** Type a **Summary** for the test and fill all appropriate fields — at least, the mandatory ones marked with an asterisk.

Create issue

Import issuesConfigure fields ▾

Project\*

Book Store (STORE) ▾

Issue Type\*

Test ▾ ?

Some issue types are unavailable due to incompatible field configuration and/or workflow associations.

Summary\*

Browser Version

Revision

The system revision for the test execution

Begin Date

The planned start date

End Date

The planned end date

Environment

Style ▾ B I U A ▾ A ▾ ▾ ▾ ▾ + ▾ ≡

?

For example operating system, software platform and/or hardware specifications (include as appropriate for the issue).

Components

▾

Start typing to get a list of possible matches or press down to select.

Attachment

☐ Create another

Create

Cancel

**Step 4:** When you are satisfied with the content of your test, click the **Create** button.

**Step 5:** If you checked the **Create another** box, a new **Create Issue** dialog appears. This issue is automatically pre-populated with your previous test details, while leaving the **Summary** field blank.

## Edit

## Inline Editing Xray Tests

Xray Test issue sections support inline editing similar to Jira native and custom fields inline edit. This prevents full page reloads when modifying fields.

## Inline Edit Fields

To inline edit a field, just hover over the field view area and click it.

The following Test fields support inline edit:

- **Type:** The Test issue type;
- **Definition:** The automated generic test definition (only visible for Generic tests).


To inline edit automated Test issues:


**Step 1:** If you are inline editing a **Cucumber** Test:


- You can hover over the actual **Test Type**, click it, and change it to another type that is available on the select box.
- You can hover over the **Scenario** field, click it, and edit its contents.


Projects /  Book Store /  STORE-19

## Test visitors can Login to Book Store Website

 Attach

 Create subtask

 Link issue



 Test Details




### Description


Add a description...


### Linked issues



tests

 STORE-2 As a visitor, I can Login to Book Store Website





TO DO ▾

### Test Details



 Test details

 Preconditions

 Test Sets

 Test Plans

 Test Runs

Test Repository / Account

Test Type

Cucumber ▾







Scenario

```
1 Given I am not logged in
2 And I am on the log in page
3 When I enter my username
4 And I enter my password
5 And I click the login button
6 Then I am logged in
```

**Step 2:** If you are inline editing a **Generic** Test:

- You can hover over the actual **Test Type**, click it, and change it to another type available on the select box.
- You can hover over the **Definition** field, click it, and edit its contents.

## Shopping Basket User selects an item and clicks on "express checkout"

 Attach  Create subtask  Link issue   Test Details 

### Description

Add a description...


### Test Details

...

 Test details  Preconditions  Test Sets  Test Plans  Test Runs

Test Repository / Shopping Basket

### Test Type

Generic 

### Definition

User selects an item and clicks on "express checkout".

Shopping Basket User selects an item and clicks on "express checkout"

## Manual Test Steps Table

To edit the steps of a Manual Test, please check [this](#) page.

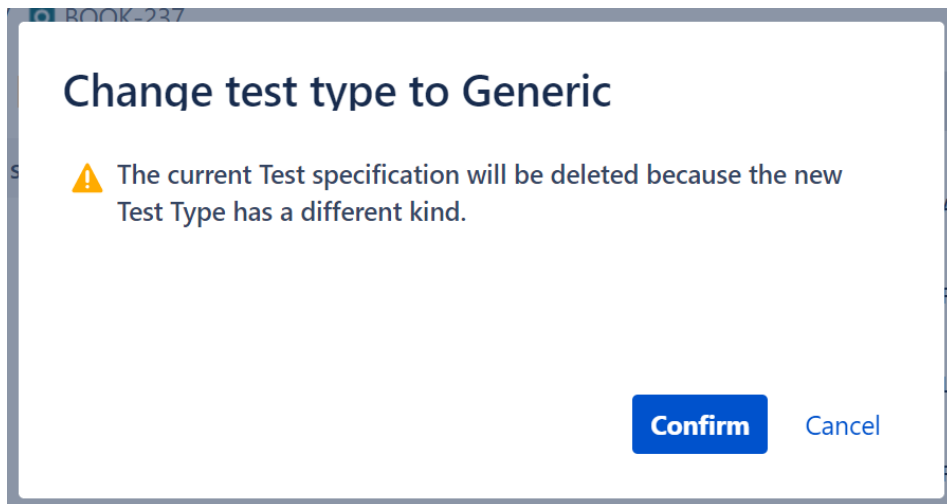


### Edit Permissions

You can only inline edit Xray fields if you have permission to edit the Test issue.

## Changing the Type of a Test

When the Type of a Test is changed, the details of the previous Info along with the associated Preconditions will be lost.

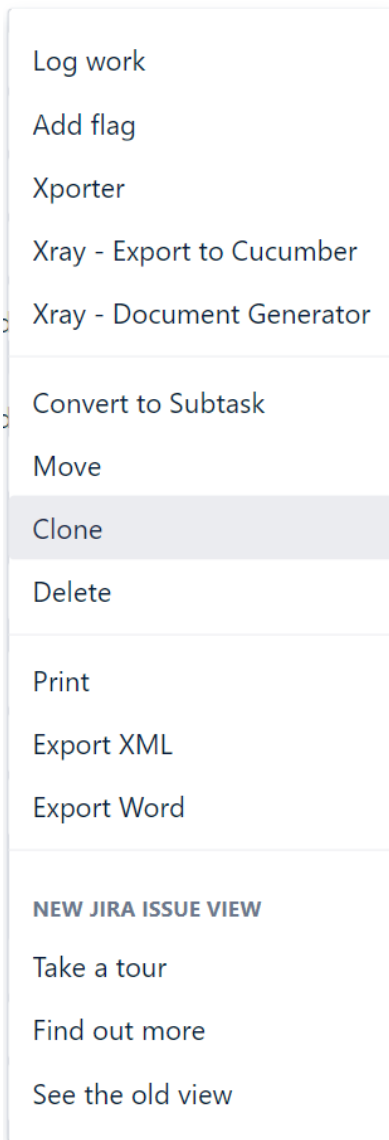


This operation is permanent and not reversible.

## Clone

Cloning a Test issue creates a new Test with all the information of the cloned Test, except its executions. Therefore, the cloned issue will not be associated with any Test Execution issue.

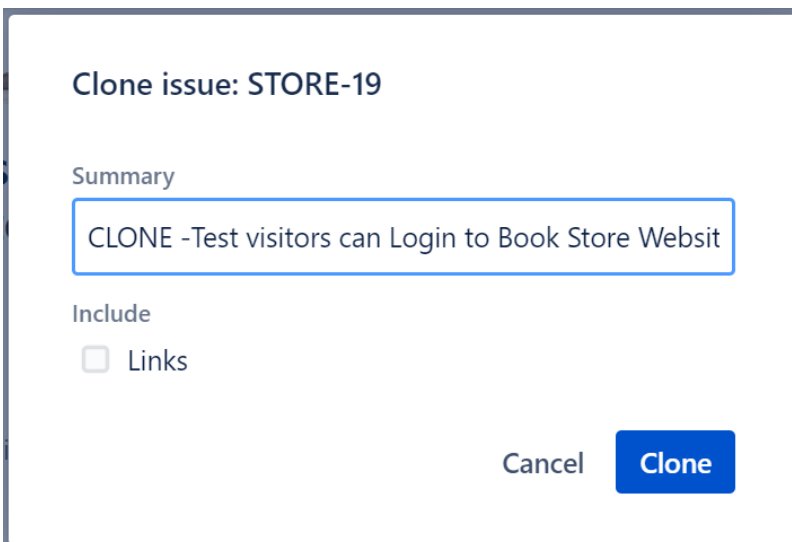
To clone a Test issue, select the "Clone" action in the issue page:



A vertical context menu with a light gray background and rounded corners. It contains several options: 'Log work', 'Add flag', 'Xporter', 'Xray - Export to Cucumber', 'Xray - Document Generator', 'Convert to Subtask', 'Move', 'Clone' (highlighted with a darker gray background), 'Delete', 'Print', 'Export XML', 'Export Word', a section header 'NEW JIRA ISSUE VIEW', and three links: 'Take a tour', 'Find out more', and 'See the old view'.

- Log work
- Add flag
- Xporter
- Xray - Export to Cucumber
- Xray - Document Generator
- Convert to Subtask
- Move
- Clone
- Delete
- Print
- Export XML
- Export Word
- NEW JIRA ISSUE VIEW**
- Take a tour
- Find out more
- See the old view

After this, an additional dialog will be shown.



A dialog box titled 'Clone issue: STORE-19'. It has a light gray background and a dark gray border. The 'Summary' field contains the text 'CLONE -Test visitors can Login to Book Store Websit'. Below it, the 'Include' section has a checkbox for 'Links' which is currently unchecked. At the bottom right, there are two buttons: 'Cancel' and 'Clone' (which is blue with white text).

**Clone issue: STORE-19**

Summary

CLONE -Test visitors can Login to Book Store Websit

Include

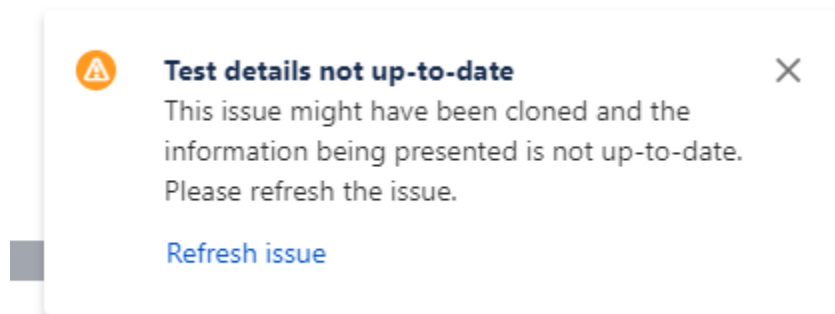
☐ Links

Cancel Clone

And after the issue is created, its page will be opened.

On some occasions the cloned issue page may open before the Xray information is actually cloned and as a result the new Test will appear empty.

When this happens the following information will be shown:



Test Status for the following scopes.

By clicking "Refresh issue", the issue page will be reloaded and the cloned information will be visible.

## Xray History

Any changes made to the Test data are recorded on the Xray History section. These include:

- Changing the Test Type;
- Changing the Test Definition or Steps;
- Linking the Test with other entities (Preconditions, Test Plans, Test Sets, etc.);
- Moving the Test between folders on the Test Repository.



## Activity

Show:

Comments

History

Work log

Xray History

JS

**John Smith** updated the Test Steps September 10, 2020, 5:56 PM

### Test Step 1:

None → [Action: visit the page][Data: ][Expected Result: see the page]

JS

**John Smith** updated the Test Steps September 10, 2020, 5:56 PM

### Test Step 2:

None → [Action: type the password][Data: 123123][Expected Result: ]

JS

**John Smith** changed the Test Type September 10, 2020, 5:57 PM

### Test Type:

Manual → Generic

### Test Steps:

1: [Action: visit the page][Data: ][Expected Result: see the page]

2: [Action: type the password][Data: 123123] → None  
[Expected Result: ]

JS

**John Smith** updated Test Plans September 10, 2020, 6:25 PM

Added: DEMO-341

JS

**John Smith** updated the Test Generic Definition September 10, 2020, 6:25 PM

None → test the login page form

JS

**John Smith** updated Test Sets September 10, 2020, 6:26 PM

Added: DEMO-342

JS

**John Smith** updated Test Sets September 10, 2020, 6:27 PM

Removed: DEMO-342

JS

**John Smith** updated the Test Generic Definition September 10, 2020, 6:27 PM

test the login page form → test the login page form and buttons

JS

**John Smith** updated Test Plans September 10, 2020, 6:28 PM

Removed: DEMO-340, DEMO-341