

Precondition

Preconditions specify the conditions that need to be fulfilled in order to execute a test.

A Precondition is like defining the step "0" for your tests. This is very useful in many use cases where you have to start by doing exactly the same thing. For example, if you are going to do something on a system, you most probably have to authenticate first, right? But sometimes, you have to do several things (e.g., restore the DB, authenticate) before going through your Test steps. And each of those things may be done and used independently, i.e., some Tests may require just restoring the DB, another may require just to authenticate, and others may require both or more.

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Precondition Types

There are three default Test Types:

- **Manual Type**
- **Generic Type**
- **Cucumber Type**

Each of the Test Types has a Kind, the Kind of the Type of Precondition must be of the same Kind as the Type of the Test it is associated with.

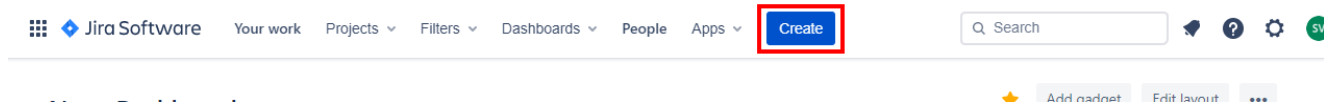
Actions

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Create

To create a new Precondition 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 "+" button 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' with a 'Save as' link. It shows a search query: 'project=CALC and issuetype in (10007)'. Below the query, it indicates '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, it again shows '1-6 of 6' results.

Step 2: Select the **Project**. On **Issue Type**, select **Precondition**.

Step 3: Type a **Summary** for the Precondition and complete all appropriate fields — at least, the required ones which are marked with an asterisk.

Create issue

Import issuesConfigure fields

Project

Calculator (CALC)

Issue Type

Precondition

?

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

Summary

Component/s

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

Description

StyleB I U A A Link Unlink Bulleted List Numbered List Add More

?

Fix Version/s

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

Priority

Create anotherCreateCancel

Step 4: When you are satisfied with the content of your Precondition, click the **Create** button. If you selected the **Create another** check box (above), a new **Create Issue** dialog appears. This issue is automatically pre-populated with your previous Precondition details, while leaving the **Summary** field blank.

Edit

Using the Inline Edit for Jira App

To Edit an existing Precondition issue using inline edit:







Step 1: On the **Precondition** page view, hover your mouse over a field and click it to Edit Inline.

Examples:

- You can hover on the actual **Precondition Type**, click it to enter the edit mode, and choose other available option on the selected field.
- You can hover on the **Definition** field, click it to enter the edit mode, and modify the contents.

Step 2: To save the changes, just click outside the field area to click the save button located in the bottom right corner of the editing field.

Turn on the calculator


 Attach  Create subtask  Link issue   Precondition Details 

Description

Add a description...

Precondition Details

 Precondition Details 

Cucumber 


Background

- 1 Given that I'm in the test environment
- 2 Then the calculator must be turned on

Note: For Manual, Exploratory and Generic Precondition types some options are available in the edit mode:

Precondition Details

 Precondition Details 

Manual 

Steps

Normal text  **B** *I* ...       

1. Open the [Bookstore](#) website
2. Click on the **Sign up**
3. Fill the required fields in the **Create an Account** page (view table data)
4. Click **Create**

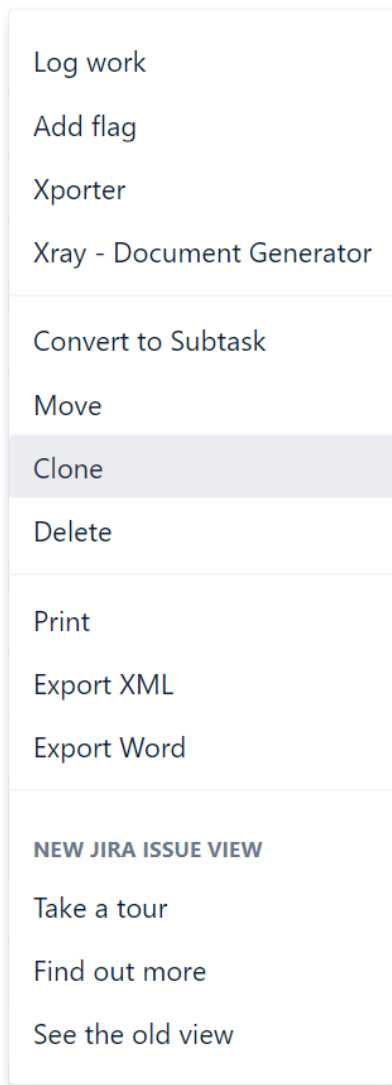
Name	Email	Password	Confirm Password
Albert Megan	visitor@bookstore.com	1234	1234

Clone

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

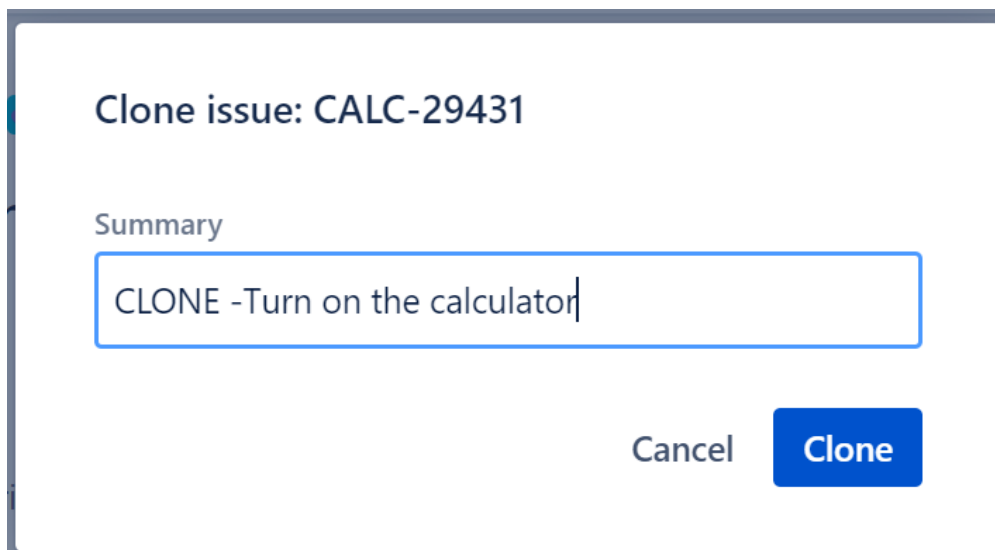
To clone a Precondition issue, select the "Clone" action in the issue page:



A vertical menu with the following items: Log work, Add flag, Xporter, Xray - Document Generator, Convert to Subtask, Move, Clone (highlighted with a grey background), Delete, Print, Export XML, Export Word, NEW JIRA ISSUE VIEW, Take a tour, Find out more, and See the old view.

- Log work
- Add flag
- Xporter
- 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: CALC-29431". It contains a "Summary" label and a text input field with the text "CLONE -Turn on the calculator". At the bottom right are "Cancel" and "Clone" buttons.

Clone issue: CALC-29431

Summary

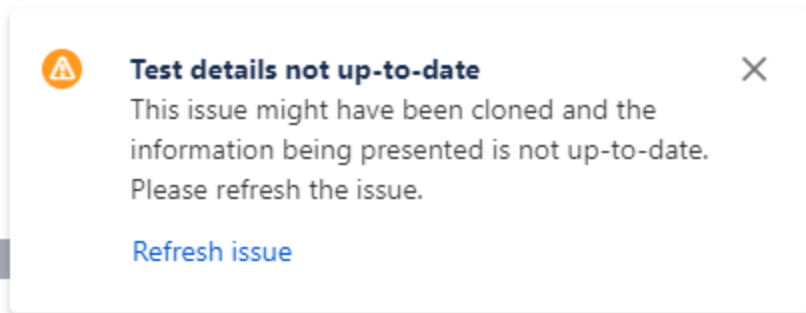
CLONE -Turn on the calculator

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 Precondition will appear empty.

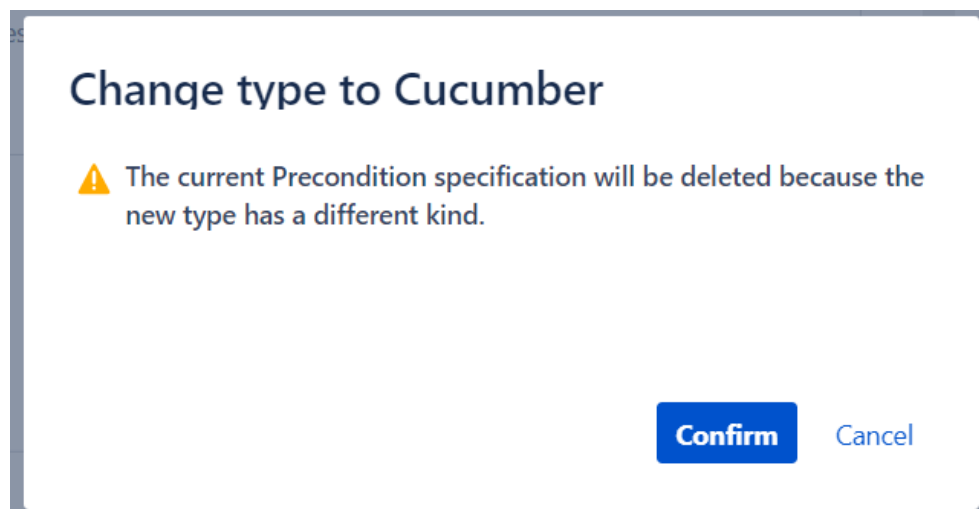
When this happens the following information will be shown:



Test Status for the following scopes.

Change Precondition Type

When the Type of Precondition is changed, both the previous Info details and the associated Tests will be lost.



Create Tests

To create a Test directly associated with the current Precondition from the Precondition issue view screen:


Step 1: Open the **Precondition** issue view screen you want to create a **Test** with.


Step 2: Click **Tests** panel in the Preconditions Details section.

Step 3: Open **Add Tests** dropdown and click on **New Test** option.

Precondition Details

...

 Precondition Details

 Tests

Add Tests ▾

Existing Tests

New Test

10 ▾

Columns ▾

	Key	Summary	Status	Actions
<input type="checkbox"/>	CALC-29433	Add Two Numbers	TO DO	...
<input type="checkbox"/>	CALC-29432	Multiple Operations	TO DO	...
Prev	1	Next	Total 2 issues	

Step 4: Type a **Summary** for the Precondition and complete all appropriate fields — at least, the required ones marked by an asterisk.

Import issues Configure fields ▾

Calculator (CALC)

Test

☐ Create another **Create** Cancel

Associate Tests

Step 3: Open **Add Tests** dropdown and click on **Existing Tests** option to open the **Add Tests** dialog.

Precondition Details

...

Precondition Details

Tests

Add Tests ▾

Existing Tests

New Test

Key ▾

Summary ▾

Status ▾

Columns ▾

10 ▾

<input type="checkbox"/>	CALC-29433	Add Two Numbers	TO DO	...
<input type="checkbox"/>	CALC-29432	Multiple Operations	TO DO	...

Prev 1 Next

Total 2 issues

Step 4: Select or search the **Test** issues to be associated with the Precondition:

Select Test Issues: Under the **Select** tab:

- Input the desired **Test Issue Key** on the **Tests** field
- Click on the **Down Arrow** on the Tests field and select the Test from its **History Search** list
- Click on the **Search** tab to use the **Find Jira issues** browser (more details [here](#))

Add Tests to Precondition CAL-1

Select Search JQL

Start typing to get a list of possible matches or press down to select from a list of existing issues

Select Issues

Add Selected

Search Test Issues: Under the **Search** tab:

- Select the desired **Project** and any other desired field such as **Test Type**, **Contains**, **Label**, **Fix Version**, **Component**, **Covering**, **Covering Fix Version**, **Saved Filters** and **Workflow Status**
- Click on the **Search** button after filling the browse fields to get a list of matching entries

Add Tests to Precondition CAL-1

Select Search JQL

Project

Calculator

▼

Test Type

▼

Fix Version

▼

Covering

Select Issues

▼

Covering Fix Version

▼

Component

▼

Label

▼

Status


▼

Saved Filter

▼

Clear

Search



Try to refine your search in order to bring some issues to this area.

Add Selected

Search Test Issues using JQL: Under the **JQL** tab:

- Write the desired **JQL** search
- Click on the **Search** button to perform the **JQL** search and to get a list of the matching entries (more details about JQL [here](#))

Add Tests to Precondition CAL-1

Select Search JQL

✓ JQL Search

Search

Add Selected

Step 5: Click **Add Selected** to add the tests you have selected or **Add All** to add all the tests that were filtered by the search parameters.

Note: Only Tests that have the same kind as the Precondition will be associated.

Remove Tests

To remove Tests from a Precondition using the Precondition issue view screen:

Step 1: Open the Precondition from which you want to remove a Test.

Step 2: On the Tests table, click on the ... in desired Test row and then click **Delete** in the dropdown menu. You will be prompted with a confirmation dialog.

Bulk Operations

Xray provides the following bulk operations, with a limit of 100 rows, on the Tests table.

- **Remove** - Deletes all the selected Tests associations with a Precondition.

To execute these bulk actions:

Step 1: Open the Precondition issue.

Step 2: A checkbox should be displayed on each Test row and also the bulk actions button in the actions column header should appear after a test is selected.

Step 3: Selected the desired Test issues (until 100 rows).

Step 4: Click the bulk actions button located in the **Actions** column and choose one of the available actions.

Precondition Details

...

Precondition details

Tests

Add to Tests

☒

(2) Selected

10

Columns

	Key	Summary	Status	Actions
<input checked="" type="checkbox"/>	CALC-29433	Add Two Numbers	TO DO	...
<input checked="" type="checkbox"/>	CALC-29432	Multiple Operations	TO DO	...

Prev 1 Next

Total 2 issues



Xray History

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

- Changing the Precondition Type
- Changing the Precondition Definition
- Linking the Precondition with other entities (Tests)

Activity

Show: [Comments](#) [History](#) [Work log](#) [Xray History](#)

-  **John Smith** updated the Precondition Manual Definition September 11, 2020, 2:49 PM
None → install Firefox and Google Chrome
 -  **John Smith** updated Tests September 11, 2020, 2:49 PM
Added: DEMO-352
-