

# Pre-Condition

Pre-Conditions specify the conditions that need to be fulfilled in order to execute a test.

A Pre-Condition 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 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 authentication, and others may require both things or more.

- [Pre-Condition Types](#)
- [Actions](#)
  - [Create](#)
  - [Edit](#)
    - [Using the Edit Issue dialog box](#)
    - [Using the Inline Edit for Jira App](#)
  - [Clone](#)
  - [Change Pre-Condition Type](#)
  - [Associate Tests](#)
  - [Remove Tests](#)
  - [Bulk Operations](#)

## Pre-Condition Types

Pre-Conditions Types must be the same Kind of the Test they are associated with, so they can be Manual or Automated.

- **Steps** Pre-Conditions: Conditions to be executed by the user before starting the Associated Test.
- **Unstructured kind** Pre-Conditions: Conditions to be executed by the external tool before starting the Associated Test.
- **Gherkin kind** Pre-Conditions: Background Gherkin clauses to be executed before starting the associated Scenarios.

## Actions

- [Create](#)
- [Edit](#)
- [Clone](#)
- [Change Pre-Condition Type](#)
- [Associate Tests](#)
- [Remove Tests](#)
- [Bulk Operations](#)

## Create

To create a new Pre-Condition issue:

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

**Step 2:** Select the relevant **Project** and on **Issue Type** select **Pre-Condition**.

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

# Create Issue

Configure Fields

Project\* Calculator (CALC)

Issue Type\* Pre-Condition

General Pre-Condition Details Tests

Summary\*

Description

Style B I U A ~~A~~ +

Visual Text

Reporter\* QA Manager

Start typing to get a list of possible matches.

Assignee Automatic

Assign to me

Fix Version/s

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

Component/s

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

Create another **Create** Cancel

**Step 4:** On the Pre-Condition Details tab, select the **Pre-Condition Type** and complete all appropriate fields.

# Create Issue

Configure Fields

Project \* Calculator (CALC)

Issue Type \* Pre-Condition

General Pre-Condition Details Tests

Pre-Condition Type Manual

Conditions

Manual the Test Type to which this Pre-Condition is associated

Cucumber

Generic

Enter the Pre-Conditions to be executed before the Test.

Create another Create Cancel

### Optional:

- Click on the Tests tab to associate the current issue with Tests.

**Step 5:** When you are satisfied with the content of your Pre-Condition, 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 Pre-Condition details, while leaving the **Summary** field blank.

## Edit

### Using the Edit Issue dialog box

To Edit an existing Pre-Condition issue using the edit page:

**Step 1:** Click the **Edit** button (at the top-left of the 'view issue' page) to open the **Edit Issue** dialog / page.

The screenshot shows the Jira issue view page for 'Turn the calculator on' (Calculator / CALC-1929). The 'Edit' button is highlighted with a red box. The issue details are as follows:

Field	Value
Type	Pre-Condition
Priority	Trivial
Affects Version/s	None
Component/s	None
Labels	None
Status	OPEN (View Workflow)
Resolution	Unresolved
Fix Version/s	v3.0
Assignee	Unassigned
Reporter	QA Manager
Votes	0
Watchers	0 Start watching
Created	13/Feb/18 11:05 A
Updated	13/Feb/18 11:05 A

The Pre-Condition Details section shows:

- Type: Manual
- Condition: Click to add condition

At the bottom right, there is an 'Associate Tests' button.



Jira Software Dashboards Projects Issues Boards DbConsole Tests Create Search

Calculator / CALC-1929  
Turn the calculator on

Edit Comment Assign More Start Progress Resolve Issue Close Issue Admin

**Details**  
Type: Pre-Condition Status: OPEN (View Workflow)  
Priority: Trivial Resolution: Unresolved  
Affects Version/s: None Fix Version/s: v3.0  
Component/s: None  
Labels: None

**Description**  
Style B I U A Link Image Bulleted List Numbered List Attachments  
Visual Text Save Cancel

**People**  
Assignee: Unassigned Assign to me  
Reporter: QA Manager  
Votes: 0  
Watchers: Start watching this issue

**Dates**  
Created: 13/Feb/18 11:05 AM  
Updated: 13/Feb/18 11:05 AM

**HipChat discussions**  
Do you want to discuss this issue? Connect to HipChat  
Connect Dismiss

## Clone

To clone a Pre-Condition issue:

**Step 1:** Open the **Pre-Condition** you wish to **Clone**.

Jira Software Dashboards Projects Issues Boards DbConsole Tests **Create**

Calculator / CALC-1929

## Turn the calculator on

Edit Comment Assign **More** Start Progress Resolve Issue Close Issue Admin

- Log work
- Attach files
- Add vote
- Voters
- Watch issue
- Watchers
- Create sub-task
- Convert to sub-task
- Create linked issue
- Move
- Link
- Clone**
- Labels
- Delete

Type: Pre-Condition Status: **OPEN** (View Workflow)

Priority: Trivial Resolution: Unresolved

Affects Version/s: None Fix Version/s: v3.0

Component/s: None

Labels: None

**Description**  
Click to add description

**Pre-Condition Details**  
Type: **Manual**  
Condition: Click to add condition

**Tests**

Key	Summary
CALC-1964	Test As a user I can sum
CALC-1928	Test as a user, I can calculate the sum of two numbers

Showing 1 to 2 of 2 entries

**Step 2:** Select **More > Clone**. The **Clone Issue** screen will appear.

Jira Software Dashboards Projects Issues Boards DbConsole Tests **Create** Search

Calculator / CALC-1929 1 of 139 Return to search

## Turn the calculator on

Edit Comment Assign **More** Start Progress Resolve Issue Close Issue Admin

Type: Pre-Condition Status: **OPEN** (View Workflow)

Priority: Trivial Resolution: Unresolved

Affects Version/s: None

Component/s: None

Labels: None

**Description**  
Click to add description

**Pre-Condition Details**  
Type: **Manual**  
Condition: Click to add condition

**Tests**

**People**  
Assignee: Unassigned  
Assign to me  
Reporter: QA Manager  
Watchers: 0 Start watching this issue  
Created: 13/Feb/18 11:05 AM  
Updated: 13/Feb/18 11:05 AM

**HipChat discussions**  
Do you want to discuss this issue? Connect to HipChat.  
Connect Dismiss

**Clone issue: CALC-1929**

Summary\*

Clone links

Create Cancel

Associate Tests

Show 10 entries

**Step 3:** You can edit the clone Pre-condition's **Summary** if you wish.

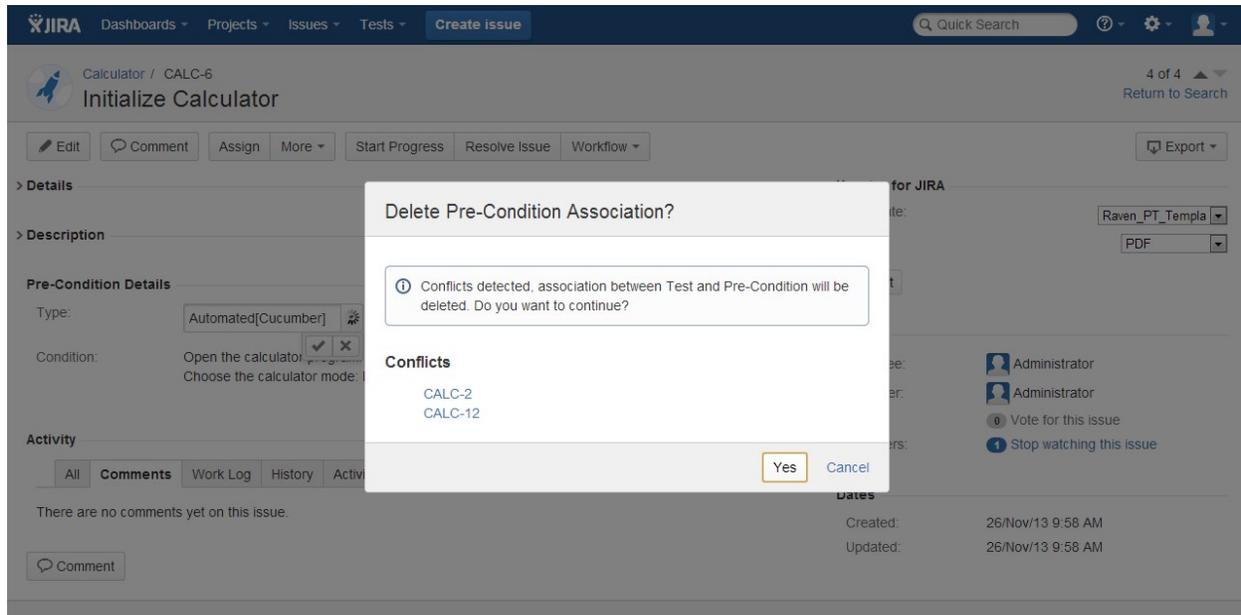
- If the pre-condition contains links to other issue(s), you can select whether or not to include the links in the new clone pre-condition.
- If the pre-condition contains sub-tasks, you can select whether or not to create the sub-tasks in the new clone pre-condition.
- If the pre-condition contains attachments, you can select whether or not to include the attachments in the new clone pre-condition.

**Step 4:** Click **Create**.

## Change Pre-Condition Type

If the Pre-Condition type is changed, and the Pre-Condition is already associated with tests, a validation process will take place to check if there are any conflicts between Test types and the new Pre-Condition type. If there are conflicts, a confirmation popup dialog will appear showing the Test issue keys with different types. If the operation is confirmed, the association between the Pre-Condition and the conflicted Test issues will be removed.

Screenshot: Example **Delete Pre-Condition Association?** dialog box

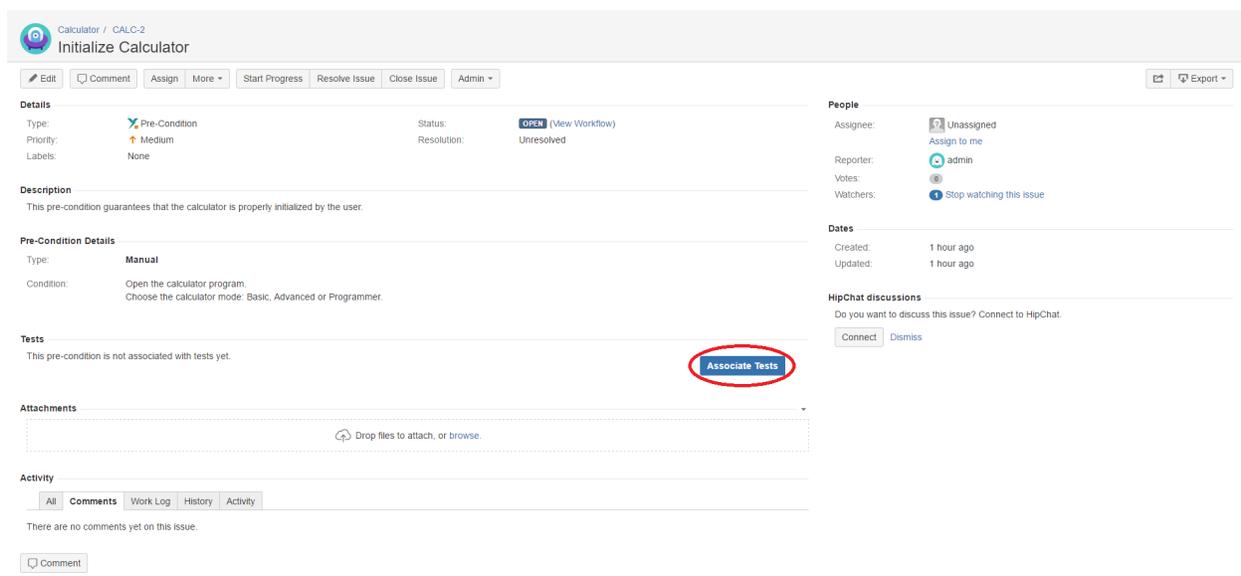


## Associate Tests

To associate Tests with a Pre-Condition from the Pre-Condition issue view screen:

**Step 1:** Open the Pre-Condition you wish to associate a Test with.

**Step 2:** Click the **Associate Tests** button (under the **Tests** tab on the view page) to open the **Issue Picker Dialog**.



**Step 3:** Open the **Search** tab.

### **i** How to use de Issue Picker Dialog

This is an example of how to add tests, using some of the features available in the Search tab.

For more information, please visit the [Issue Picker Dialog](#) detailed overview.

**Step 4:** Configure the search.

-Use the **Filters** dropdown button to **include extra fields** in the search criteria.

-**Fill in** the filters values.

-**Press** the search button.

Calculator / CALC-1929

### Add Tests to Pre-Condition CALC-1929

Select **Search** JQL

Filter(s) ▼

Project: Calculator (CALC) ×

Test Type: Generic ×

Choose the Test Type

Contains text

<input type="checkbox"/>	Issue Type	Key	Summary	Test Type
<input checked="" type="checkbox"/>		CALC-1956	CanAddNumbers	Generic
<input checked="" type="checkbox"/>		CALC-1913	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input checked="" type="checkbox"/>		CALC-1902	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input type="checkbox"/>		CALC-1727	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input type="checkbox"/>		CALC-1710	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input type="checkbox"/>		CALC-1700	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input type="checkbox"/>		CALC-1624	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input type="checkbox"/>		CALC-1613	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input type="checkbox"/>		CALC-1602	Generic Test As a user, I can calculate the sum of two numbers	Generic
<input type="checkbox"/>		CALC-1591	Generic Test As a user, I can calculate the sum of two numbers	Generic

Showing 1 to 10 of 135 entries

First Previous 1 2 3 4 5 Next Last

Clear Search Add selected Add all (135) Ca

**Step 5:** Select and Add tests.

- Once the results are obtained you can **order, add/remove columns** to the results list (the columns selection is saved as a preference).

- **Check** the tests you wish to add from the listed results.

**Step 6:** Add tests by pressing "**Add selected**".

## Remove Tests

To remove Tests from a Pre-Condition using the Pre-Condition issue view screen:

**Step 1:** Open the Pre-Condition you wish to remove a Test.

**Step 2:** On the Tests table, hover over the desired Test row and click on the **Trash** button that appears at the end of the row. You will be prompted with a confirmation dialog.

## Bulk Operations

Xray provides the following bulk operations on the Tests table.

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

To execute these bulk actions:

**Step 1:** Open the Pre-Condition issue.

**Step 2:** Click on the Bulk button to activate the bulk edit mode (under the **Tests** section on the view page). A checkbox appears on each Test row and also the bulk actions button in the actions column header.

**Step 3:** Selected the desired Test issues.

**Step 4:** Click the **bulk actions button** and choose one of the available actions.

Tests

Associate Tests

(10) selected

Remove  
summary

Key

<input checked="" type="checkbox"/>	CALC-1975	Acceptance Test - Story 1
<input checked="" type="checkbox"/>	CALC-1911	Manual Test As a user, I can calculate the sum of two numbers
<input checked="" type="checkbox"/>	CALC-1901	Manual Test As a user, I can calculate the sum of two numbers
<input checked="" type="checkbox"/>	CALC-1965	Test As a user I can sum
<input checked="" type="checkbox"/>	CALC-1964	Test As a user I can sum
<input checked="" type="checkbox"/>	CALC-1938	Test As a user i can use the calculator
<input checked="" type="checkbox"/>	CALC-1957	Test As a user, I can calculate the sum of 2 numbers
<input checked="" type="checkbox"/>	CALC-1928	Test as a user, I can calculate the sum of two numbers
<input checked="" type="checkbox"/>	CALC-1899	dummy test
<input checked="" type="checkbox"/>	CALC-1945	manual empty

Showing 1 to 10 of 10 entries

First Previous 1 Next Last