

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 Type of the Test they are associated with, so they can be Manual or Automated.

- **Manual Type** Pre-Conditions: Conditions to be executed by the user before starting the Associated Test.
- **Automated[Generic] Type** Pre-Conditions: Conditions to be executed by the external tool before starting the Associated Test.
- **Automated[Cucumber] Type** Pre-Conditions: Cucumber 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.

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

Create Issue

Configure Fields

Project* Demo Project (DEMO)

Issue Type* Pre-Condition ?

General

Pre-Condition Details

Tests

Pre-Condition Type

Cucumber

Choose the Pre-Condition Type. It must match the Test Type to which this Pre-Condition is associated

Conditions

1

Enter the Cucumber Background Gherkin clauses to be executed before the associated Scenarios.

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.

Edit Issue : DEMO-4

Configure Fields

General

Pre-Condition Details

Tests

Pre-Condition Type

Manual

Choose the Pre-Condition Type. It must match the Test Type to which this Pre-Condition is associated

Conditions

Open the calculator program.
Choose the calculator mode: Basic, Advanced or Programmer.

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

Comment

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Viewable by All Users

Update

Cancel

Optional:

- Click on the Tests tab to edit Test associations.

Step 4: Click the **Update** button to save your changes.

Using the Inline Edit for Jira App

To Edit an existing Pre-Condition issue using inline edit:

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

Examples:

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

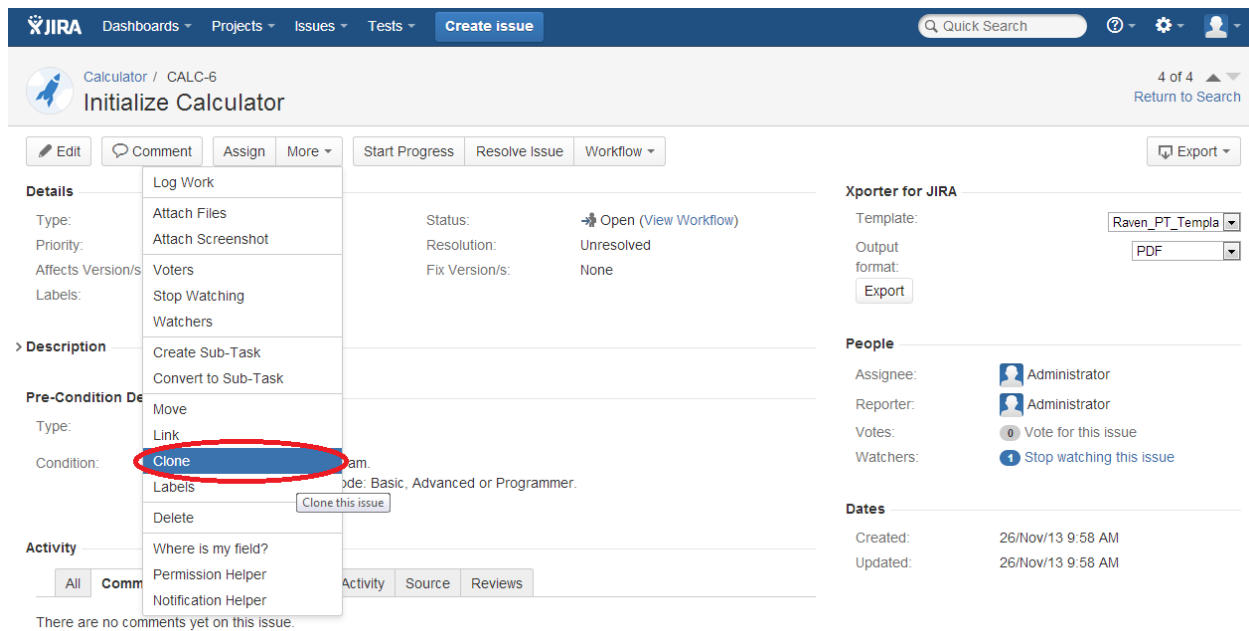
Step 2: To save the changes, just click outside of the field area or click the save button located in the bottom right corner of the editing field.

The screenshot shows the Jira interface for a Pre-Condition issue titled 'Initialize Calculator' in the 'DEMO-4' project. The issue is currently in 'Open' status. The 'Pre-Condition Details' section is active, showing the type as 'Manual' and the condition as 'Open the calculator program. Choose the calculator mode: Basic, Advanced or Programmer.' The condition field is in an inline edit mode, indicated by a blue border and a small 'X' button in the bottom right corner. Other sections visible include 'Details' (Type, Priority, Labels), 'Description' (Click to add description), 'Tests' (This pre-condition is not associated with tests yet), 'Attachments' (Drop files to attach, or browse), 'People' (Assignee: Unassigned, Reporter: Diamantino Pereira Campos), and 'Dates' (Created: 45 minutes ago, Updated: 45 minutes ago). The top navigation bar includes links for Dashboards, Projects, Issues, Boards, Tests, and a Create button.

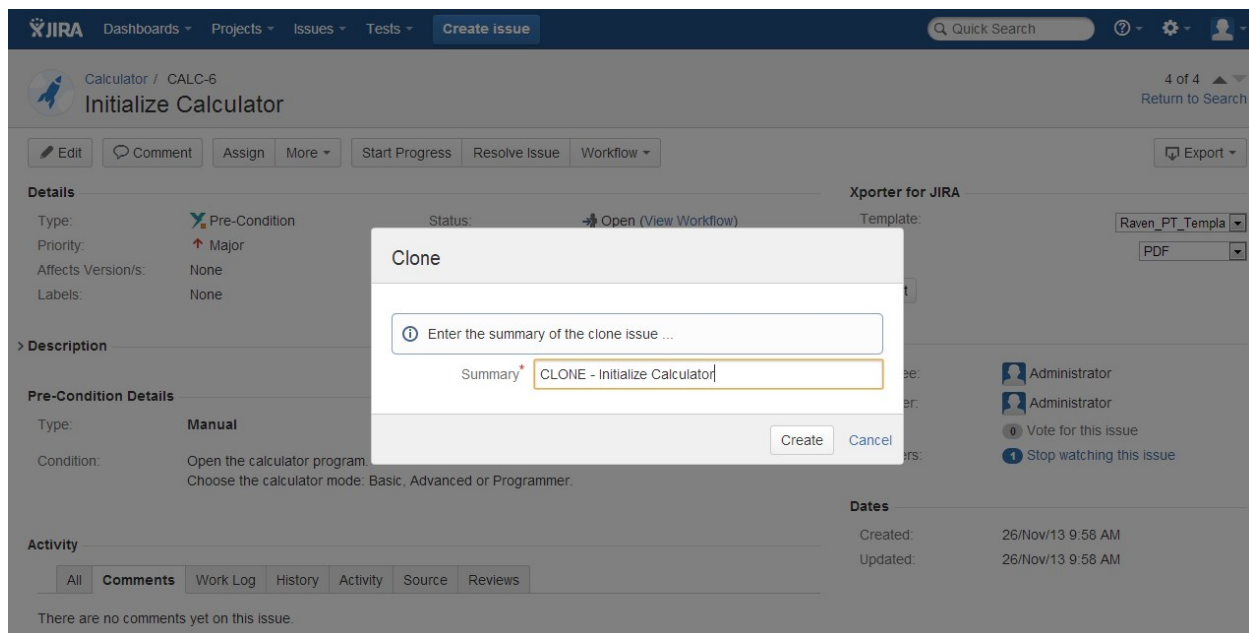
Clone

To clone a Pre-Condition issue:

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



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



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

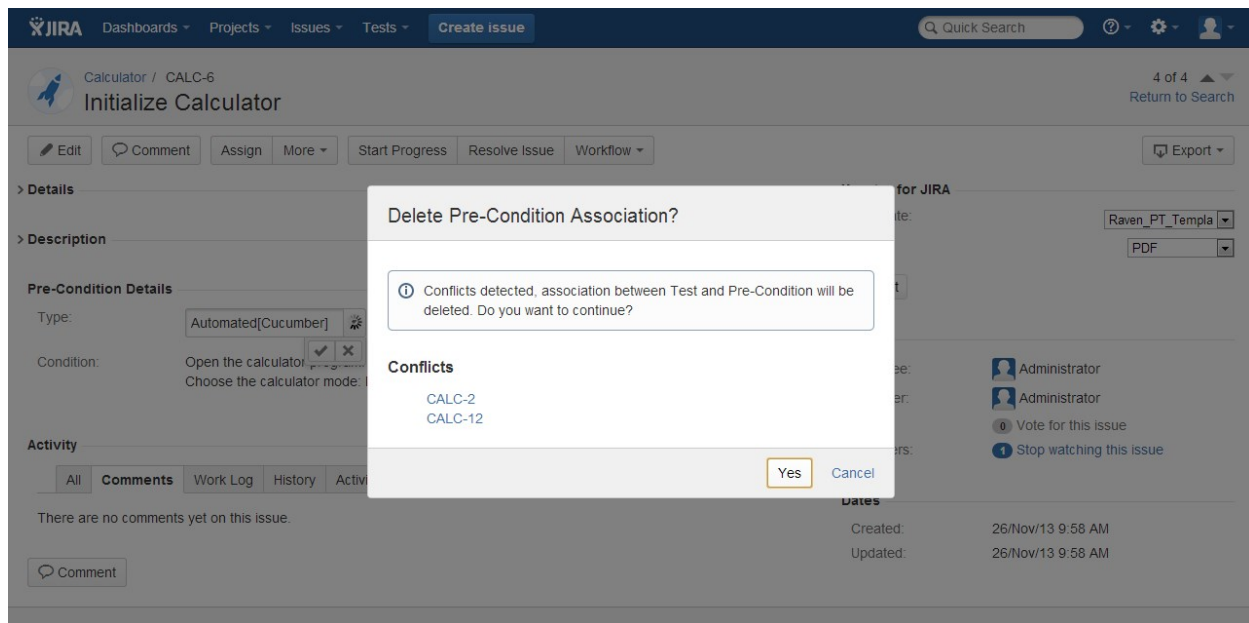
- If the pre-condition contains links to other issue(s), you can select whether or not to include the links in the new clone pre-condition.
- If the pre-condition contains sub-tasks, you can select whether or not to create the sub-tasks in the new clone pre-condition.
- If the pre-condition contains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

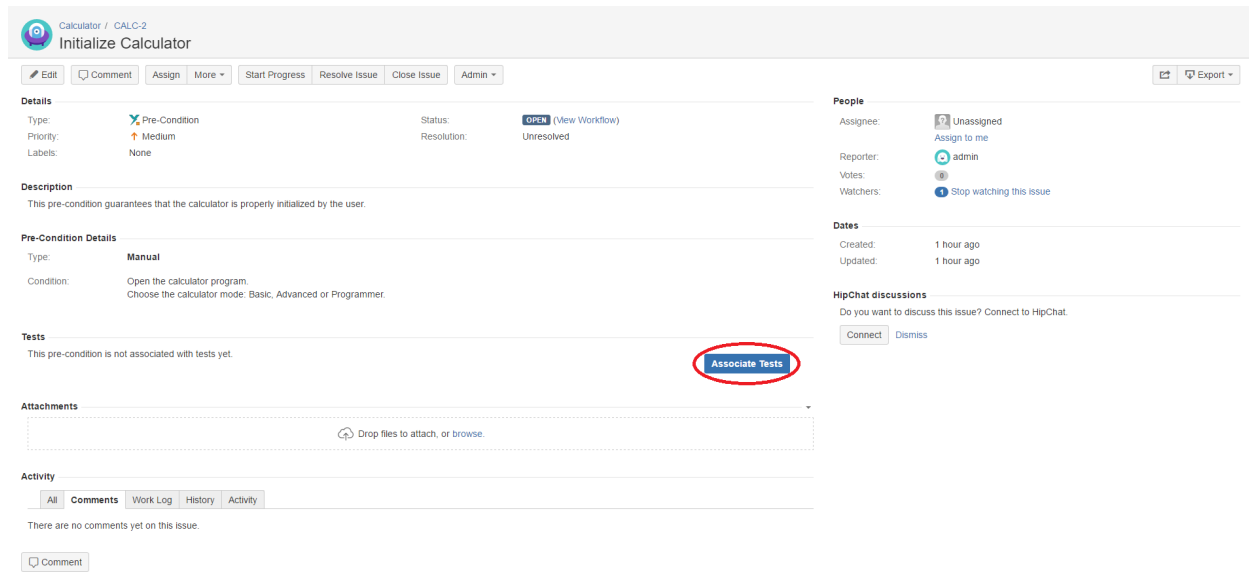


Associate Tests

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.

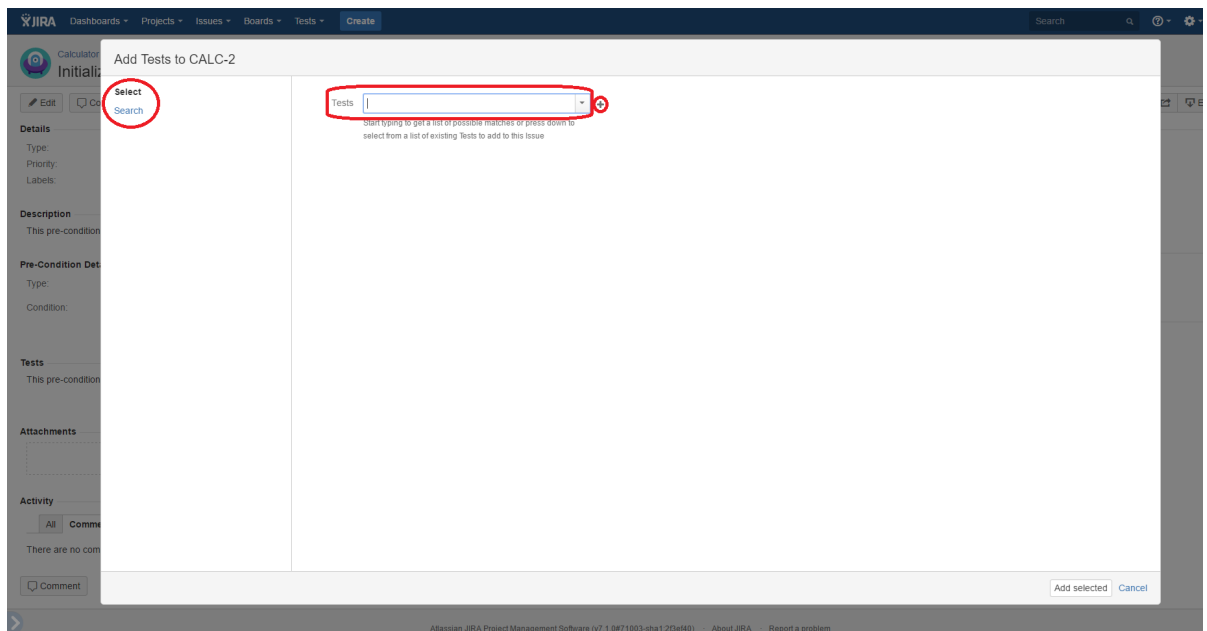
Step 2: Click the **Associate Tests** button (under the **Tests** tab on the view page) to open the **Add Tests** dialog box.



Step 3: Select or search the **Test** issues to be associated with the Pre-Condition:

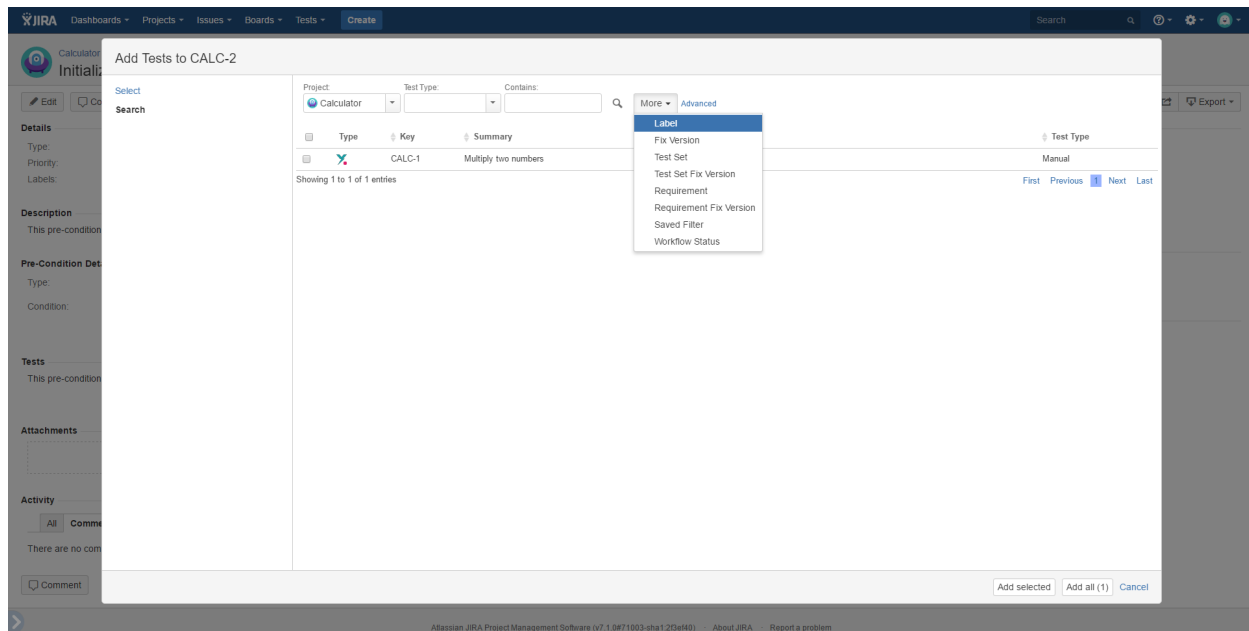
Select Test Issues - In order to select the Tests to be associated you can, under the **Select** tab:

- 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 **+** button which will prompt an **Issue Selector** Pop-Up
- Click on the **Search** tab to use the **Find Jira issues** browser (more details [here](#))



Search Test Issues - In order to search for Tests to be associated you can, under the **Search** tab:

- Browse for the desired Test **Project**, **Type** or terms it **Contains**
- Click on the **More** button to add more browse fields such as **Label**, **Fix Version**, **Test Set**, **Test Set Fix Version**, **Requirement**, **Requirement Fix Version**, **Saved Filters** and **Workflow Status**
- Click on the **Magnifier** button after filling the browse fields to get a list of matching entries
- Click on the **Advanced** button to perform a JQL search (more details [here](#))



Step 4: Click **Add**.

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 gear located on the actions column header and choose one of the available actions.

Tests

Created:

Updated:

Associate Tests

Show 10 entries

Search

<input checked="" type="checkbox"/>	Key	Summary
<input checked="" type="checkbox"/>	CALC-12	Multiply two numbers
<input checked="" type="checkbox"/>	CALC-2	Subtract two numbers

Remove

Showing 1 to 2 of 2 entries

First

Previous

1

Next

Last