

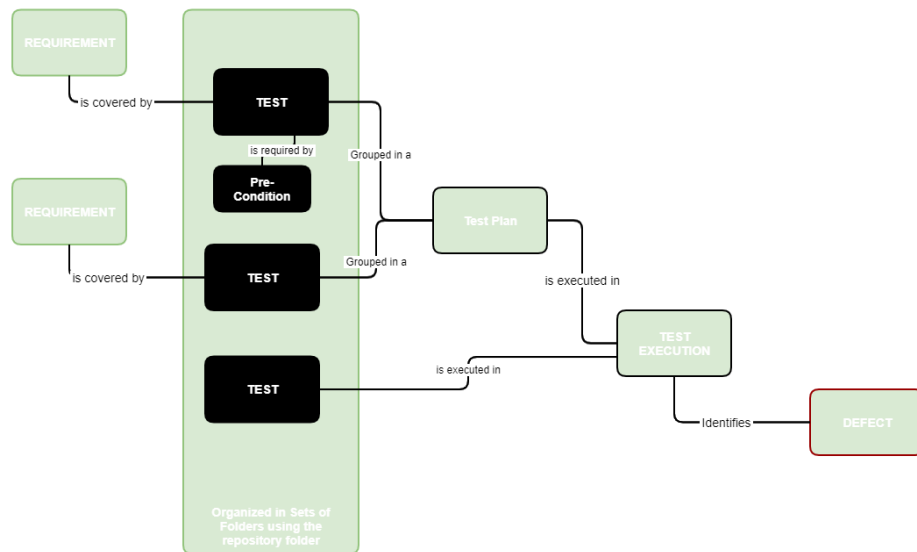
Cloud Tests and Pre-Conditions

1

What is a Pre-Condition

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

A Pre-Condition is like defining 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 likely have to authenticate it first, right? But sometimes, you have to do several things (e.g., restore DB, authenticate) before going through your Test steps. 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.

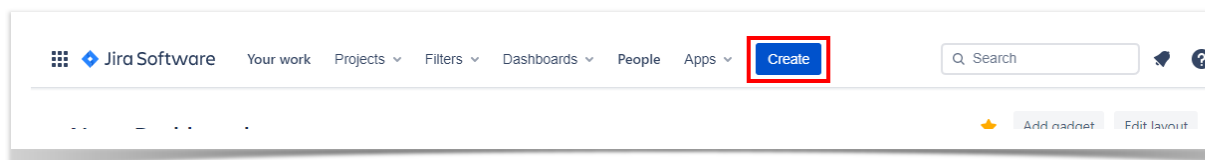


2

Creating a Pre-Condition

To create a new Pre-Condition issue:

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



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 issues


Configure 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

Style ▾


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A ▾


 ▾


 ▾













Fix Version/s

▾

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

Priority

☐ Create another

Create

Cancel

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.

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.

Turn on the calculator

Edit

Comment

Assign

To Do

In Progress

Done

Admin

Type:

Precondition

Status:

TO DO (View workflow)

Priority:

Medium

Resolution:

Unresolved

Affects Version/s:

None

Fix Version/s:

None

Component/s:

None

Labels:

None

Description

Click to add description

Precondition Details

Type

Cucumber

Scenario

1

Given that I'm in the test environment

2

Then the calculator must be turned on

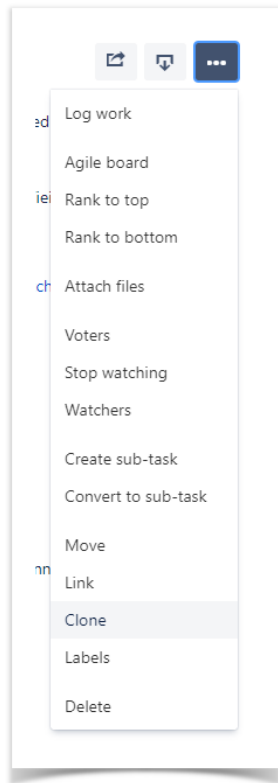
4

Cloning a Pre-Condition



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 Precondition issue, select the "Clone" action in the issue page:



You can edit the clone Test's **Summary** if you wish.

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

Click **Create**.

Clone issue: BOOK-21

Summary

CLONE - The user is subscribed to the Newsletter

Create

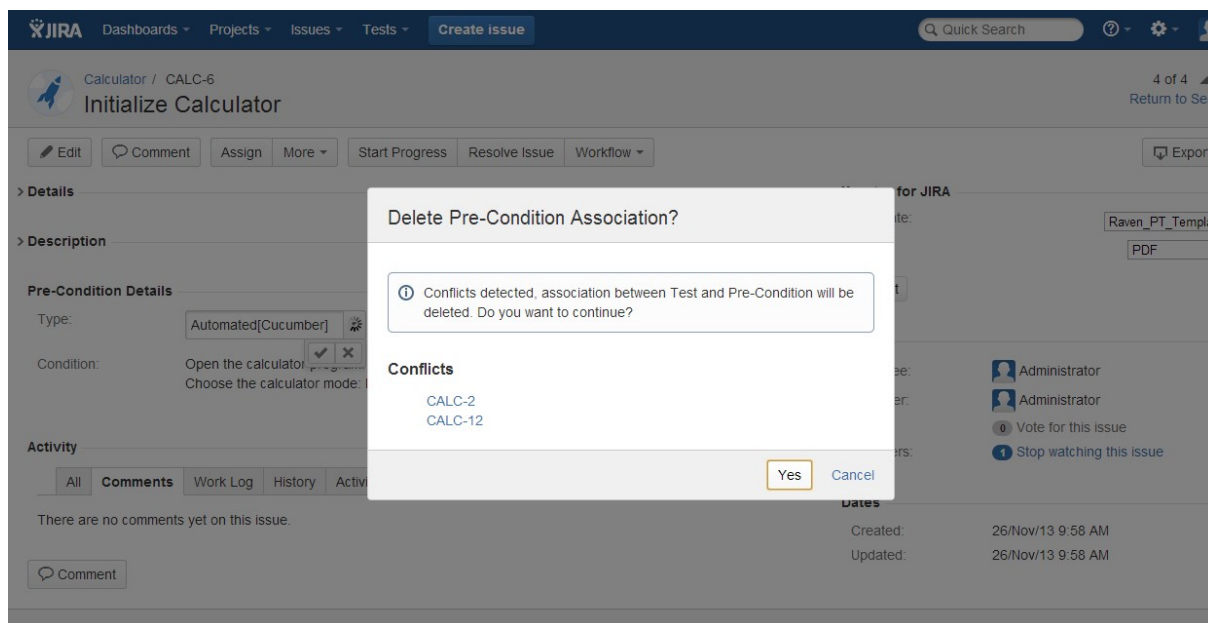
Cancel

5

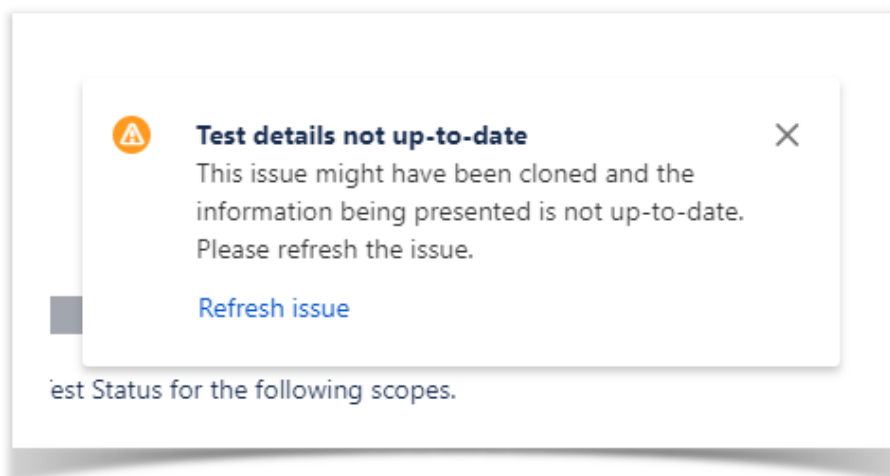
Change Pre-Condition Type

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



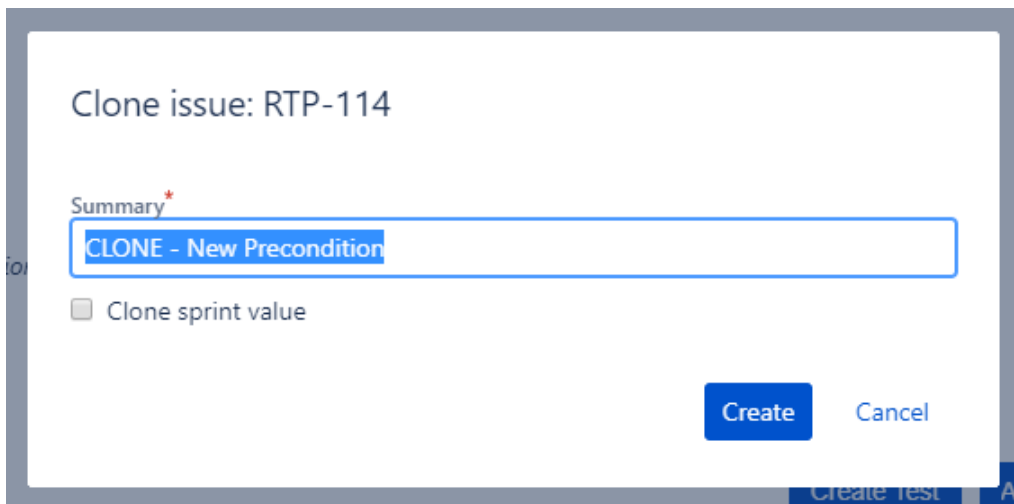
After this, an additional dialog will be shown.



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:

A dialog box titled "Clone issue: RTP-114". It contains a "Summary" field with a red asterisk, which has the text "CLONE - New Precondition" entered. Below the field is a checkbox labeled "Clone sprint value". At the bottom right are "Create" and "Cancel" buttons.

Clone issue: RTP-114

Summary*

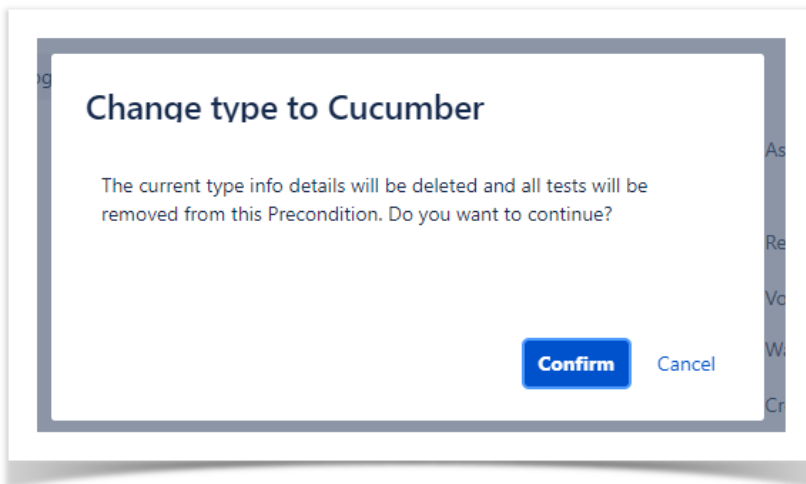
CLONE - New Precondition

☐ Clone sprint value

Create Cancel

Change Precondition Type

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

A dialog box titled "Change type to Cucumber". It contains a message: "The current type info details will be deleted and all tests will be removed from this Precondition. Do you want to continue?". At the bottom right are "Confirm" and "Cancel" buttons.

Change type to Cucumber

The current type info details will be deleted and all tests will be removed from this Precondition. Do you want to continue?

Confirm Cancel

6

Manage Tests and Pre-Conditions

Create Tests from a Pre-Condition

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 **Create Test** (under the **Tests** section on the view page) to open the **Create Issue** dialog box.

Turn on the calculator

Edit

Comment

Assign

To Do

In Progress

Done

Admin

Type:

Precondition

Status:

TO DO

(View workflow)

Priority:

Medium

Resolution:

Unresolved

Affects Version/s:

None

Fix Version/s:

None

Component/s:

None

Labels:

None

Description

Click to add description

Precondition Details

Type

Cucumber

Scenario

1

Given

that I'm in the test environment

2

Then

the calculator must be turned on

Tests

10

Columns

Key	Summary	Status	Actions
<input type="checkbox"/> CALC-5	Multiple Operations	TO DO	...
<input type="checkbox"/> CALC-3	Divide two numbers	TO DO	...
<input type="checkbox"/> CALC-1	Add two numbers	TO DO	...

Prev

1

Next

Total 3 issues

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

Create issue

Import issues

Configure fields ▾

Project*

Calculator (CALC) ▾

Issue Type*

Test ▾

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

Style ▾
B I U A ▾ %A ▾ ▾ ▾ ⋮ ≡ ☺ + ▾ ≡

Fix Version/s

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

Create another

Create

Cancel

Associate Tests

To associate Tests with a Precondition from the Precondition issue view screen:

Step 1: Open the Precondition you want to associate a Test with.

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

Turn on the calculator

Edit Comment Assign To Do In Progress Done Admin

Type: Precondition Status: TO DO (View workflow)

Priority: Medium Resolution: Unresolved

Affects Version/s: None Fix Version/s: None

Component/s: None

Labels: None

Description

Click to add description

Precondition Details

Type

Cucumber

Scenario

1 Given that I'm in the test environment

2 Then the calculator must be turned on

Tests

Create Test Add Tests

10 Columns

Key	Summary	Status	Actions
CALC-5	Multiple Operations	TO DO	...
CALC-3	Divide two numbers	TO DO	...
CALC-1	Add two numbers	TO DO	...

Prev 1 Next Total 3 issues

Step 3: 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 Cancel

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**, **Co** **vering 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

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

- Write the desired **JQL** search
- Click on the **Search** button 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

Q Search

Add Selected Cancel

Step 4: 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 drop down menu. 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 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.

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

Tests

Create Test

Ad

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▼

(2) Selected ▼

10 ▼

Colum

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Key ↕

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Delete

▼

Summary ↕

▼

Status ↕

▼

Actions

☒

CALC-5

Multiple Operations

TO DO

...

☒

CALC-3

Divide two numbers

TO DO

...

☐

CALC-1

Add two numbers

TO DO

...

Prev

1

Next

Total