

# Test Set

A Test Set is a collection of Tests. It often contains detailed instructions or goals as well as information on the configuration to be used during testing.

Test Sets are simple, flat lists of Tests that you can use as a basis for creating Test Executions or Test Plans. Since the Tests are grouped in some logical way, such as grouping all Tests related with regression testing or security, or all Tests for a specific component or some high-level feature/business case, a Test can be part of different Test Sets. Test Sets can also be used as a dynamic way to cover requirements.

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## Actions

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## Create

To create a new Test Set issue:

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

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


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


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

If you selected the **Create another** checkbox (below), a new **Create Issue** dialog appears. This issue is automatically pre-populated with your previous Test Set details, while leaving the **Summary** field blank.

Create Issue


⚙️ Configure Fields ▾


Project\*  Calculator ▾

Issue Type\*  Test Set ▾ ?

Summary\*

Description

 ?

Reporter\*  Administrator

☐ Create another

Create

Cancel

## Edit

To edit an existing Test Set issue:

**Step 1:** Locate the Test Set you want to edit.

**Step 2:** Click the **Edit** button (at the top-left of the 'view issue' page) to open the **Edit Issue** dialog box.  
Alternatively, hover over a field and click the pencil icon to edit it inline.

**JIRA** Dashboards ▾ Projects ▾ Issues ▾ Tests ▾ **Create issue** Quick Search ? ⚙ 👤

Calculator / CALC-11 2 of 3 Return to Search

**Division Tests**

**Edit** Comment Assign More ▾ Start Progress Resolve Issue Workflow ▾ Export ▾

**Details**

Type:	Test Set	Status:	Open (View Workflow)
Priority:	Major	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	v1.0
Labels:	None		

**Xporter for JIRA**

Template: Raven\_PT\_Templa ▾  
 Output format: PDF ▾  
Export

**Description**

Contains the tests for the "Division" operation.

**Tests**

Add Tests

Show 10 ▾ entries Search:

Key	Summary
CALC-10	Divide two numbers

Showing 1 to 1 of 1 entries First Previous 1 Next Last

**People**

Assignee: Administrator  
 Reporter: Administrator  
 Votes: 0 Vote for this issue  
 Watchers: 1 Stop watching this issue

**Dates**

Created: 26/Nov/13 10:52 AM  
 Updated: 26/Nov/13 10:52 AM

**Step 3:** Modify your Test Set's details in the appropriate fields of the **Edit Issue** view.

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

**Edit Issue : CALC-11** Configure Fields ▾

Summary\*

Description

Reporter\* Administrator  
 Start typing to get a list of possible matches.

Fix Version/s v1.0 × ▾  
 Start typing to get a list of possible matches or press down to select.

Priority Major ▾ ?

Component/s **None**

Update Cancel

## Clone

When cloning a Test Set issue, all the Test issue associations will also be cloned. Also:

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

To clone an existing Test Set issue:

**Step 1:** Open the Test Set you wish to clone.

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

The screenshot shows the JIRA interface for a project named 'Calculator' with the issue 'CALC-11 Division Tests'. The 'More' menu is open, and the 'Clone' option is highlighted with a red circle. The menu options include: Log Work, Attach Files, Attach Screenshot, Voters, Stop Watching, Watchers, Create Sub-Task, Convert to Sub-Task, Move, Link, Clone, Labels, Delete, Export to Cucumber, Where is my field?, Permission Helper, and Notification Helper. The background shows the issue details, including status (Open), resolution (Unresolved), and fix version (v1.0).

**Step 3:** Edit the clone Test Set's **Summary** if you wish.

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

The screenshot shows the JIRA interface with the 'Clone' dialog box open. The dialog box has a title 'Clone' and a text input field for the summary. The summary field is filled with 'CLONE - Division Tests'. There are 'Create' and 'Cancel' buttons at the bottom right of the dialog box. The background shows the issue details, including status (Open), resolution (Unresolved), and fix version (v1.0).

## Configure Test Columns

Xray provides the ability to configure columns for the Tests table. This configuration is specific to each user and can be restored to the default configuration defined in the [Global Preferences](#) page in the Xray app administration.

The first column (Test Rank) is fixed and cannot be removed from the table.

To configure columns for the Tests table,

**Step 1:** Open the Test Set issue.

**Step 2:** Click on **Columns**, select the dropdown that appears in the Tests section above the table in the top-right corner. A list of the current configure columns and all available columns appears.

**Step 3:** Add or remove columns by clicking the checkboxes next to each field.

**Step 4:** Click the **Done** button when finished or **Cancel** to abort this operation. The table refreshes with the configured columns.

## Restoring Columns to Default Configuration

To restore columns in the Tests table to the default configuration,

**Step 1:** Open the Test Set issue.

**Step 2:** Click on **Columns**, select the dropdown that appears in the Tests section, above the table in the top-right corner. A list of the current configure columns and all available columns appears.

**Step 3:** Click the **Restore Columns** link above the columns list. The table refreshes with the default configured columns.

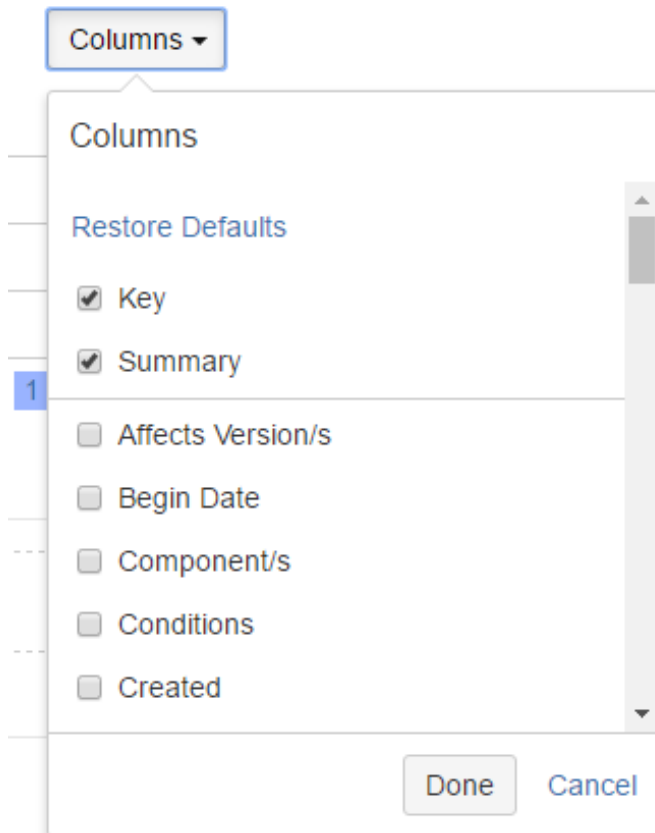
## Change Columns Order

To reorder columns in the Tests table,

**Step 1:** Open the Test Set issue.

**Step 2:** Hover over the desired column header.

**Step 3:** Click in the column header and drag it to the desired position.



## Associate Tests

Tests can be associated with Test Set issues:

- [From the Test Set issue view screen](#)
- [From the Test issue view screen](#)
- [From the Create Test screen](#)

## From the Test Set issue view screen

To associate Tests with a Test Set from the Test Set issue view screen:

**Step 1:** Open the Test Set you wish to associate a Test with.

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

The screenshot shows the JIRA issue view for 'Division Tests' (CALC-11). The interface includes a top navigation bar with 'JIRA', 'Dashboards', 'Projects', 'Issues', 'Tests', and a 'Create issue' button. A search bar and user profile are on the right. The issue details section shows 'Type: Test Set', 'Priority: Major', 'Status: Open (View Workflow)', 'Resolution: Unresolved', and 'Fix Version/s: v1.0'. The 'Description' field contains 'Contains the tests for the "Division" operation.' The 'Tests' tab is active, showing a table with one entry: 'CALC-10' with the key 'Divide two numbers'. The 'Add Tests' button is circled in red. The 'Xporter for JIRA' section on the right shows 'Template: Raven\_PT\_Templa' and 'Output format: PDF'. The 'People' section lists 'Assignee: Administrator' and 'Reporter: Administrator'. The 'Dates' section shows 'Created: 26/Nov/13 10:52 AM' and 'Updated: 26/Nov/13 10:52 AM'.

**Step 3:** Select or search the **Test** issues to be associated with the Test Set:

**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 here](#)).

Add Tests to CALC-11

Select

Search

Tests

+

Start typing to get a list of possible matches or press down to select from a list of existing Tests to add to this Issue

Add

Cancel

**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**, **Test Set**, **Test Set Fix Version**, **Requirement** and **Requirement Fix Version**.
- Click on the **Magnifier** button after filling out the browse fields to get a list of matching entries.
- Click on the **Advanced** button to perform a JQL search (more [here](#)).

Add Tests to XTP-8

Select

Search

Project:

XTP

Test Type:

Contains:

More

Advanced

Type

Key

Summary

<input type="checkbox"/>	XTP-9	Automatic Test
<input type="checkbox"/>	XTP-4	Test 2
<input type="checkbox"/>	XTP-3	Test 1

Showing 1 to 3 of 3 entries

Label

Fix Version

Test Set

Test Set Fix Version

Requirement

Requirement Fix Version

Saved Filter

Test Type

Automated[Cucumber]

Manual

Manual

First

Previous

1

Next

Last

Add selected

Add all (3)

Cancel

Step 4: Click **Add**.

## From the Test issue view screen

To associate Tests with a Test Set from the Test issue view screen:

**Step 1:** Open the **Test** you wish to associate a **Test Set** with.


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

> Description

> Test Details

> Pre-Conditions

Test Sets

 Associate Test Sets

Show 25 entries

Key	Summary	Test Count	
CALC-48	Advanced calculator operations	5	...
CALC-14	Multiplication Tests	3	...
CALC-11	Division Tests	3	...
CALC-5	Addition Tests	106	...

Showing 1 to 4 of 4 entries

First Previous 1 Next Last

**Step 3:** Select or search the **Test Set** issues to be associated with the Test Set:

**Select Test Set Issues** - In order to select the **Tests Sets** to be associated you can:

- Input the desired Test Set **Issue Key** on the **Tests Sets** field.
- Click on the **Down Arrow** on the Tests Sets field and select the Test Set from its **History Search** list.
- Click on the **+** button wich will prompt an **Issue Selector** Pop-Up.
- Click on the **Search** tab to use the **Find Jira issues** browser.



Add Test Sets to CALC-10

Select

Search

Test Sets

+

Start typing to get a list of possible matches or press down to select from a list of existing Test Sets to add to this Issue

Add

Cancel

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

- Browse for the desired Test Set **Project** or terms it **Contains**.
- Click on the **More** button to add more browse fields such as **Label** and **Fix Version**.
- Click on the **Magnifier** button after filling out the browse fields, to get a list of matching entries.
- Click on the **Advanced** button to perform a JQL search.

Add Test Sets to CALC-1

Select  
Search

Project:

Calculator

Contains:

More

Label

Fix Version

Advanced

Add

Cancel

**Step 4:** Click **Add**.

## From the Create Test screen

To associate Test Sets with a Test from the Create/Edit issue screen:

**Step 1:** On a **Test** Issue Type of **Create Issue** dialog / page, click on the **Test Sets** tab

**Step 2:** In order to select the **Tests Sets** to be associated you can:

- Input the desired Test Set **Issue Key** on the **Tests Sets** field.
- Click on the **Down Arrow** on the Tests Sets field and select the Test Set from its **History Search** list.
- Click on the **+** button which will prompt an **Issue Selector** Pop-Up.

**Step 3:** Click **Add**.

**Create Issue** Configure Fields

Project\* Calculator

Issue Type\* Test ?

**General** **Test Details** **Test Sets** **Associate Issues**

**Test Sets**  +

Start typing to get a list of possible matches or press down to select from a list of existing Test Sets to associate with this Test

☐ Create another Create Cancel

## Remove Tests

Tests can be removed from Test Set issues:

- [From the Test Set issue view screen](#)
- [From the Test issue view screen](#)

### From the Test Set issue view screen

To remove Tests from a Test Set from the Test Set issue view screen:

**Step 1:** Open the Test Set 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.

### From the Test issue view screen

To remove a Test Set association from the Test issue view screen:

**Step 1:** Open the Test you wish to remove the Test Set association.

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

## Reorder Tests

There are two ways of changing the order of Tests within a Test Set:

### Drag-and-Drop

To reorder Tests,

**Step 1:** Open the Test Set issue.

**Step 2:** Hover over the desired Test row (under the **Tests** section on the view page) and the drag handle column.

**Step 3:** Click the drag handle and move the Test up or down in the current page.

### Change Rank Action

This action allows users to change the Rank of a Test between pages.

To change the rank of a Test,

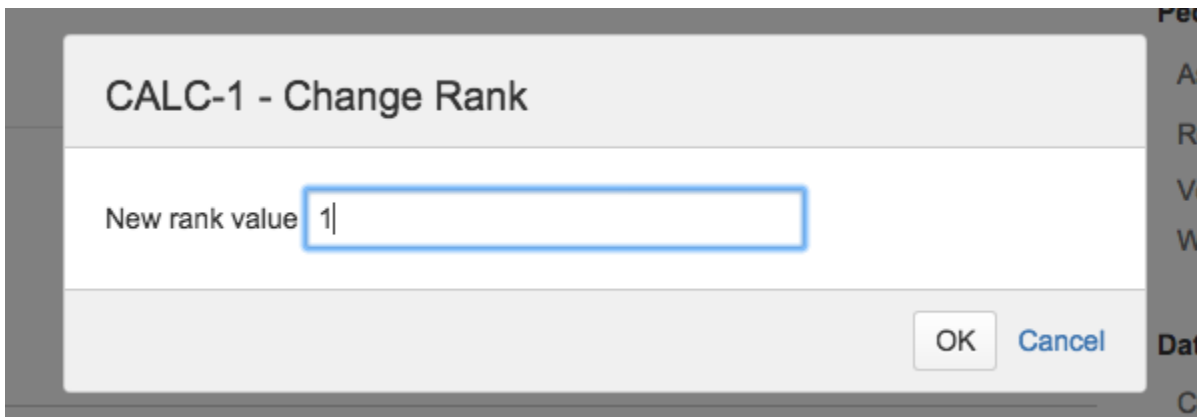
**Step 1:** Open the Test Set issue.

**Step 2:** Hover over the desired Test (under the **Tests** section on the view page)

**Step 3:** Click the gear that appears in the last column. The actions menu should pop up with the available actions.

**Step 4:** Click the **Move To** action. The change rank dialog appears.

**Step 5:** Enter the desired index number (1-based) and click **OK**.



A dialog box titled "CALC-1 - Change Rank". It contains a label "New rank value" followed by a text input field containing the number "1". At the bottom right, there are two buttons: "OK" and "Cancel".

## Bulk Operations

Xray provides the following bulk operations on the Tests table:

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

To execute these bulk actions:

**Step 1:** Open the Test Set 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.



The interface shows a table titled "Tests" with two columns: "Key" and "Summary". There are two rows of test data. Above the table, there are buttons for "Create Test" and "Add Tests", a search bar, and a "Show 10 entries" dropdown. To the right of the table, there are labels for "Reporter:", "Votes:", "Watchers:", and "Dates". A "Remove" button is visible in the bottom right corner of the table area.

	Key	Summary
<input checked="" type="checkbox"/>	1	CALC-1 Add two numbers
<input checked="" type="checkbox"/>	2	CALC-2 Subtract two numbers

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

## Export to Cucumber

Cucumber Test Sets in Jira can be exported to feature files ready to be executed in Cucumber. The generated feature files follow the rules defined in [Export Cucumber Features](#) and take into account the context of the Jira Test Set issue.

A single Cucumber **feature** file should be generated and prompted to be downloaded for the Automated[Cucumber] Test contained on the Test Set, unless the target Test Set contains multiple Automated[Cucumber] Tests or the Automated[Cucumber] Test is associated with multiple **Requirements**. In this case, a **FeatureBundle** zip file will be generated containing a single Cucumber feature file for every Requirement associated with the target Automated [Cucumber] Test contained on the Test Set.

To export a Test Set issue containing Cucumber Tests to feature files,

- Step 1:** Open the Test Set issue view page.
- Step 2:** Select **More > Export to Cucumber**. The file will be downloaded from the browser.

