# **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.



- From the Test Set issue view screen
  - Create Test
- Associate Test From the Test issue view screen
- Remove Tests
  - - From the Test Set issue view screen
    - From the Test issue view screen
- Reorder Tests
  - Drag-and-Drop
  - Change Rank Action
- Bulk Operations Export to Cucumber
- Xray History

### Actions

- Create
- Edit
- Clone
- Configure Test Columns
- Associate Tests
- Remove Tests
- Reorder Tests
- Bulk Operations
- Export to Cucumber

#### Create

To create a new Test Set issue:

Step 1: Click the Create 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		Import issues	Configure fields ~
Project*			
Calculator (CALC)			
Issue Type*			
Test Set	0		
Some issue types are unavailable due to in	compatible field configuration and/or workfl	ow associations.	
Summary*			
Component/s			
Start typing to get a list of possible match	es or press down to select.		
Description			
Style∽ B I <u>U</u> <u>A</u> ∽ <sup>a</sup> A v	∕ ∂ • ∭ • ⊨ ⊑ ≞ • +	Ý	\$
FIX Version/s	v		
Start typing to get a list of possible match	es or press down to select.		
		□ Create another	Create Cancel

### Edit

To edit an existing Test Set issue:

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

Step 2: Place the cursor over the field to edit and click on it.

Projects / 🧧 Calculator / 💽 CALC-29420 **○**1 心 ペ ~ 4 **Calculator Operations** To Do 🐱 🖉 Attach 🖾 Create subtask 🔗 Link issue 👻 🧿 Tests 🚥 O Unassigned Assignee Description Mélanie Castro Reporter Add a description... Labels None Tests Begin Date None Add Tests 🐱 None End Date Filters 🗸 10 🗸 Columns 🗸 Revision None Key Summary Status Actions Components CalculatorOperations × ••• BOOK-251 Generic Test : As a user, I can calculate the sum of two numbers BACKLOG Priority RECENT COMPONENTS Prev 1 Next Total **1** issues RegressionTests Xporter ALL COMPONENTS RegressionTests Show 5 more field Original estimate, T + Create new component Activity Created 4 days ago Show: Comments History Work log Xray History Newest first ↓ Updated 4 days ago мс Add a comment... Pro tip: press M to comment

#### Step 3: Modify your Test Set's detail in the appropriate field

Step 4: Click out of the field to save your changes.

Projects / 🧕 Calculator / 🖸 CALC-29420			<b>₹</b> E
Calculator Operations		To Do 🐱	
		Assignee	<b>O</b> Unassigned
Description Add a description		Reporter	MC Mélanie Castro
		Labels	None
Tests		Begin Date	None
Add Tests 🗸		End Date	None
Filters V	10 V Columns V	Revision	None
Key Summary	Status Actions	Components	CalculatorOperations
BOOK-251 Generic Test : As a user, I can calculate the sum of two numbers	BACKLOG	Priority	↑ Medium
Prev 1 Next	Total <b>1</b> issues	Vacator	On an Visconter
		Aporter	Open Aporter

Show 5 more fields

Original estimate, Time tracking, Epic Link, Sprint, Fix versions

0

#### Clone

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

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

0	1	ம	\$	•	•••	
	Log v	vork				
	Add 1	flag				
ie	Xport	ter				
Cŧ	Xray - Export to Cucumber					
	Xray	- Docu	ment	Gener	ator	
	Conv	ert to S	Subtas	k		
	Move	\$	10000	ĸ		
Г	Clone	9				
	Delet	e			_	
	Print					
era	Ехро	rt XML				
	Ехро	rt Worc	ł			
	NEW	IRA ISSU	JE VIEV	v		
	Take	a tour				
	Find	out mo	re			
d	See t	he old	view			

After this, an additional dialog will be shown.

Cancel	Clone
	Cancel

#### 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 Test will appear empty.

When this happens the following information will be shown:



est Status for the following scopes.

By clicking "Refresh issue", the issue page will be reloaded and the cloned information will be visible.

### **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 Default Column Layouts page in the Xray app project settings.

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 Done 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 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.

Columns	Columns ~
Search	Actions
Restore Defaults	
Key	Total 1 issues
Summary	
Status	
Test Type	
Affects Version/s	
Assignee	
Done Ca	ancel

### 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 Test Set issue view screen

#### **Create Test**

To create a Test directly associated to the current Test Set from the Test Set issue view screen:

Step 1: Open the Test Set issue view screen you wish to create a Test with.

Step 2: Click the Add Tests button (under the Tests section on the view page) and select New Test to open the Create Issue dialog box.

Tests					•••
Add Tests 🗸					
Existing Tests -ilters	~	10	~	Columns	~
New Test	Summary		S	itatus A	Actions
□ BOOK-235	Manual Test : As a user, I can divide two num	bers	E	BACKLOG	•••
Prev 1 Next				Total <b>1</b> i	issues

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

Create issue				Import issues	Configure f	ields 🗸
Project*						
Calculator (CALC)						
Issue Type <sup>*</sup>						
<ul> <li>Test</li> </ul>	?					
Some issue types are unavailable due to ir	ncompatible field c	onfiguration a	nd/or workf	ow associations.		
Summon *						
Summary						
Component/s						
			~			
Start typing to get a list of possible match	es or press down t	o select.				
Description						
Style B I U A v A		1= 1=	<b>⊎</b>	~		~
						ħ
Eix Version/s						
			~			
Start typing to get a list of possible match	es or press down t	o select.				
				□ Create another	Create	Cancel

Step 4: Click Create.

#### Associate Test

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) and select Existing Tests to open the Add Tests dialog box.

	Tests						•••
	Add Tes	sts 🗸					
Γ	Existing	Tests - Iters	×	10	~	Column	s 🗸
	New Te	st					
		Кеу	Summary			Status	Actions
		BOOK-235	Manual Test : As a user, I can divide two num	bers		BACKLOG	•••
	Prev	1 Next				Total 1	lissues

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

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.

#### Add Tests to Test Set CAL-4

Sta	art typing	j to get a
s	Select Iss	sues

To search for Tests to be associated, you can, under the **Search** tab:

- Select the desired **Project** and any other desired field such as **Test Type, Contains, Label**, **Fix Version, Component, Covering, C** overing **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 Se

#### Add Tests to Test Set CAL-4

Select Search JQL



Add Se

To search for Tests to be associated, you can, under the  $\ensuremath{\textbf{JQL}}$  tab:

Search

- Write the desired JQL search

Clear

- 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 Test Set CAL-4

Select Search JQL

JQL Search

Add S

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 Add Test Sets button (under the Test Sets tab on the view page) and select Existing test sets to open the Add Test Sets dialog box.

Test Details				•••
I Test Details	Preconditions	💿 Test Sets	🗾 Test Plans	5 D Test Runs
Add Test Sets 🗸				
Existing test sets New test set			100 🗸	✓ Columns ✓
Key≑	Summary 🗢	St	tatus 🌣 🛛 Test 🤅	Count   Actions
CALC-29420	Calculator Ope	rations	<b>O DO</b> 2	•••
Prev 1 Next				Total <b>1</b> issues

(Note: to create a new test set click New test set.)

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

To select the Tests Sets to be associated, you can:

- Input the desired Test Set  $\ensuremath{\mbox{Issue}}$  Key on the  $\ensuremath{\mbox{Tests}}$  Sets field.
- Click on the Down Arrow on the Tests Sets field and select the Test Set from its History Search list.

#### Add Test Sets to Test CAL-3

Select	Search	JQL
_		
	Start typin	g to get
	Select I	ssues

Add Se

To search for Test Sets to be associated, you can, under the Search tab:

- Select the desired Test Set Project and any other desired field such as Test Type, Contains, Label, Fix Version, Component, Cov ering, 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 Test Sets to Test CAL-3

Project		
Calculator	~	
Fix Version		
	~	
Covering		XRAY
Select Issues	~	
Covering Fix Version		Try to refine your search in order to bring some issues to this
	~	
Component		
	~	
Label		
	~	
Status		
	~	
Saved Filter		

To search for Test Sets to be associated you can: under the  $\ensuremath{\textbf{JQL}}$  tab:

- Write the desired JQL search

Clear

- Click on the Search button perform the JQL search and to get a list of the matching entries (more details about JQL here)

#### Add Test Sets to Test CAL-3

Select Search JQL

JQL Search

Add S

Q

Step 4: Click Add.

#### **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

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

Step 2: On the Tests table, click the ... on the desired Test row and click the **Delete** option that appears in the drop down menu. You will be prompted with a confirmation dialog.

#### From the Test issue view screen

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

Step 2: On the Tests Sets table, click the ... on the desired Test Set row and click the **Delete** option that appears in the drop down menu. 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: Click the ... on the desired Test Set row and click on the Change Rank option that appears in the drop down menu

Step 3: Click the Move To action. The change rank dialog appears.

Step 4: Enter the desired index number (1-based) and click OK.

# Change Rank of Test CALC-2

Enter a new rank\*





### **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 this bulk action:

Step 1: Open the Test Set issue.

Step 2: A checkbox should be displayed on each Test row and also the bulk actions button above the tests table.

Step 3: Select the desired Test issues.

Step 4: Click the bulk actions button located above the tests table and choose one of the available actions.

Tests ••• Add Tests ~ (1) Selected Filters Columns ~ 10 Delete 1 Status Actions  $\checkmark$ Generic Test : As a user, I can calculate the sum of two numbers BACKLOG . . . BOO Prev 1 Next Total 1 issues

### 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 Gener ate Cucumber Features and take into account the context of the Jira Test Set issue.

This action will prompt a **FeatureBundle** zip file containing a single Cucumber feature file for every Requirement associated with the target Test, with a test type with kind **Gherkin**, contained on the Test Set, to be generated and downloaded.

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

Step 1: Open the Test Set issue view page.

Step 2: Select ... > Xray - Export to Cucumber. The file will be downloaded from the browser.

Projects / 🤗 Calculator / 💽 CALC-29420			<b>₹</b> <sup>£</sup>	• 1 ம ≪ · •
Calculator Operations		To Do 🖌		Log work
Attach      Create subtask     C Link issue     Y     Tests     Test		Assignee	<b>O</b> Unassigned	Add flag Xporter
Description Add a description		Reporter	Mélanie Castro	Xray - Export to Cucumber
		Labels	None	Xray - Document Generatc
Add Tests		Begin Date	None	Convert to Subtask Move
		End Date	None	Clone
V (1) Selected V Filters V 10 V	Columns 🗸	Revision	None	Print
Key         Summary         State           BOOK-251         Generic Test : As a user. I can calculate the sum of two numbers         BACK	Actions	Components	CalculatorOperations	Export XML
Prev 1 Next	Total <b>1</b> issues	Priority	↑ Medium	Export Word
		Xporter	Open <b>Xporter</b>	NEW JIRA ISSUE VIEW Take a tour
		<ul> <li>Show 5 more fields</li> <li>Original estimate, Time tra</li> </ul>	cking, Epic Link, Sprint, Fix versior	Find out more
Activity Show: Comments History Work log Xray History	Newest first ↓	Created 4 days ago Updated 4 days ago		Configure
MC Add a comment				
Pro tip: press M to comment				

## **Xray History**

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

· Linking the Test with other entities (Test)

Activity				
Show:	Comments	History	Work log	Xray History
	John Smith up Added: DEMO John Smith up Added: DEMO John Smith up Removed: DEM	dated Tests -334 dated Tests -339, DEM dated Tests MO-334, DI	s Septembe o-338, DEM s Septembe EMO-339	r 10, 2020, 6:05 PM r 10, 2020, 6:18 PM O-337, DEMO-336 r 10, 2020, 6:19 PM