Defects count

In the Test Execution View Page, each row of the table represents a Test being executed by this Test Execution.

One of the default columns is **#Def,** which represents the number of defects created during execution of each Test.

An additional column **Remote Defects** presents you the count of remote defects.

Rule of counting

The rule for counting defects for each Test is to sum

- all defects **created during execution**
- all defects **linked with issue link type "created"**
- all defects **linked with issue link type "tested by"**

Each defect will only be counted **once**.

Example 1: Defects linked to a Test

Test 1 was executed in Test Execution A and Test Execution B.

We can see that there were **3 defects** generated by Test Execution A (TWWB-6, TWWB-6 (Step #1), TWWB-7 (Step #2)) and **5 defects** from Test Execution B (TWWB-6, TWWB-8,TWWB-9 (Step #2), TWWB-7 (Step #1), TWWB-10 (Step #2)).

If we go to each of this Test Executions, we will see that each Test counted 5 defects.

Example 2: Defects not linked to a Test

Global Settings

The Global Configurations for Xray.

☐ Project Aware Condition

When this option is enabled, if the current project does not contain the Xray issue types, the Xray project tab panels and Tests Menu section are not visible.

☐ Display Pre-Condition section before Test Details

When this option is enabled, the Pre-Condition web panel on the Test issue view screen will be displayed on top of the Test Details panel.

☑ Display Manual Test Steps table in short view

When this option is enabled, the cells of the Manual Tests Steps table will be displayed in short view mode. If this mode is enabled, the rows will have a limited heigh

Test Run Options   ☑ Set final Test Run status

When this option is enabled, the overall Test Run status can be set directly, without depending on the status of manual Test steps or, in case of Cucumber Scenario

☑ Inline Execute Tests

When this option is enabled, Test Runs can be executed inline, directly from the Test Execution and Test issue view pages. This option is only available if the final T

☐ Fail All Steps/Examples

When this option is enabled, whenever the status of a Test Run is changed to FAIL, all the Test Steps/Examples Statuses will also be updated to FAIL.

☐ Restrict automated Test status

When this option is enabled, the status of automated Test Runs can't be set manually. It can only be modified through the import of automated test results action.

Defect Links   ☐ Link Defects with Test

When this option is enabled, the defects created in the context of a test run are automatically linked with the respective Test issue.

☐ Link Defects with Test Execution

When this option is enabled, the defects created in the context of a test run are automatically linked with the respective Test Execution issue.

☐ Link Defects with Requirement

When this option is enabled, the defects created in the context of a test run are automatically linked with the respective Requirement being tested.

Test Website Worker Board / TWWB-15
Test 2

✎ Edit   💬 Comment   Assign   More ▾   Start Progress   Resolve Issue   Close Issue   Admin ▾

Execute In ▾

FILTERS

Project	Version	Status	Start	End	
N/A ▾	▾	N/A ▾	DD-MM-YYYY HH:MM	DD-MM-YYYY HH:MM	✕ Clear

Show 10 ▾ entries   Search

▲ Execution Key	Fix Version	System Rev	Exec By	Start	Finish	Defects	Status
TWWB-16 **Test Execution A1**	v1	-	admin	Today 5:25 PM	-	TWWB-6 (Step #1) TWWB-7 (Step #2) TWWB-6	🟨 ⚙
TWWB-17 **Test Execution B1**	v2	-	admin	Today 5:27 PM	Today 5:29 PM	TWWB-6 TWWB-8 TWWB-9 (Step #2) TWWB-10 (Step #2) TWWB-7 (Step #1)	🟥 ⚙

Showing 1 to 2 of 2 entries   First Previous 1 Next Last

Test 2 was executed in Test Execution A1 and Test Execution B1.

We can see that there were **3 defects** generated by the execution Test Execution A1 (TWWB-6, TWWB-6 (Step #1), TWWB-7 (Step #2)) and **5 defects** from Test Execution B1 (TWWB-6, TWWB-8,TWWB-9 (Step #2), TWWB-7 (Step #1), TWWB-10 (Step #2)).

If we go to each of this Test Executions, we will see that each one Test had 3 defects and the other had 5 defects.

Test Website Worker Board / TWWB-16
Test Execution A1

Test Execution A1

Edit | Comment | Assign | More ▾ | Start Progress | Resolve Issue | Close Issue | Admin ▾

Details

Type:	Test Execution	Status:	OPEN (View Workflow)
Affects Version/s:	None	Resolution:	Unresolved
		Fix Version/s:	v1
Labels:	None		

Description

Click to add description

Tests

+ Add ▾

Overall Execution Status

TOTAL TESTS: 1

FILTERS

Test Set	Assignee	Status	Search
All ▾	All ▾	All ▾	Contains text ✕ Clear

Show 10 ▾ entries   Columns ▾

	Key	Summary	Test Type	#Req	#Def	Test Sets	Assignee	Fix Version/s	Status
1	TWWB-15	Test 2	Manual	2	2		admin	v1	

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

Test Website Worker Board / TWWB-17
Test Execution B1

Test Execution B1

Edit | Comment | Assign | More ▾ | Start Progress | Resolve Issue | Close Issue | Admin ▾

Details

Type:	Test Execution	Status:	OPEN (View Workflow)
Affects Version/s:	None	Resolution:	Unresolved
		Fix Version/s:	v2
Labels:	None		

Description

Click to add description

Tests

+ Add ▾

Overall Execution Status

TOTAL TESTS: 1

FILTERS

Test Set	Assignee	Status	Search
All ▾	All ▾	All ▾	Contains text ✕ Clear

Show 10 ▾ entries   Columns ▾

	Key	Summary	Test Type	#Req	#Def	Test Sets	Assignee	Fix Version/s	Status
1	TWWB-15	Test 2	Manual	2	5		admin	v1	

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

Results explanation

The only difference between those two examples is that we removed the link creation between Test and Defect. When Xray counted the bugs from **Test Execution A** and **Test Execution A1,** the differences resides in the links **Test 1** and **Test 2** had to the **defects** created in the other Test Executions.

Remote defects

Defects from remote JIRA instances will only be counted in the column **Remote Defects**, which is accessible in the Test Execution View Page. The concept is similar to the column **#Def**, however it counts defect issues created in remote JIRA servers that are linked via Application Links. The count will be aggregated by Application Link and each one is clickable in order to present the list of defect issues.