

[Xray Server] Why doesn't TestRunStatus show me the status of my last run?

Problem

Is this happening to you?

- You set up the Custom Field TestRunStatus with the **No Version** option (Administration> Manage apps > Xray> Custom Fields > Test Run Status)

The screenshot shows the Jira Administration interface. On the left, a sidebar lists various administration categories: XRAY, Miscellaneous, Custom Fields (highlighted with a red box), Issue Type Mapping, Requirement Coverage, Requirement Projects, Document Generator, Test Statuses, Test Step Statuses, Default Column Layouts, Parameter Values Lists, Integrity Checker, License Management, and Cloud Migration. The main content area is titled 'Administration' with a search bar. Below this, there are tabs for Applications, Projects, Issues, Manage apps (selected), User management, Latest upgrade report, and System. The 'Manage apps' tab is active, showing a list of applications on the left and a 'Custom Fields' configuration page on the right. The 'Custom Fields' page has a red box highlighting the 'Test Run Status Custom Field Version' section. This section contains three radio button options: 'No Version' (selected), 'Earliest Unreleased Version', and 'First Assigned Version'. Each option has a description of how the status is calculated. Below this, there are sections for 'Test Set Status Custom Field Version' and 'Requirement Status Custom Field Versions', each with their own set of radio button options.

Administration

Applications Projects Issues **Manage apps** User management Latest upgrade report System

ATLASSIAN MARKETPLACE
Find new apps
Manage apps

ADVANCED ROADMAPS FOR JIRA
Advanced Roadmaps permissions
Advanced Roadmaps license details
Hierarchy configuration
Dependencies
Early access features

INSIGHT
Insight Configuration
Indexing Insight
Insight Script Console
Insight Allowlist
Insight reports

XPORTER
Global Settings
Project Settings
Integrations
Templates

Custom Fields

The default configurations for Xray custom fields.

Test Run Status Custom Field Version

☒ **No Version**
When this option is enabled, the status of the Test is calculated based in the latest TestRun independently on the version it was executed.

☐ **Earliest Unreleased Version**
When this option is enabled, the status of the Test is calculated based in the latest TestRun executed on the earliest unreleased Version.

☐ **First Assigned Version**
When this option is enabled, the status of the Test is calculated based in the latest TestRun executed on the first Fix Version explicitly assigned to the Test.

Test Set Status Custom Field Version

☒ **No Version**
When this option is enabled, the status of each Test in the Test Set is calculated based in the latest TestRun independently on the version it was executed.

☐ **Earliest Unreleased Version**
When this option is enabled, the status of each Test in the Test Set is calculated based on the earliest unreleased Fix Version.

☐ **Earliest Unreleased Assigned Version**
When this option is enabled, the status of each Test in the Test Set is calculated based on the earliest unreleased Fix Version explicitly assigned to the Test Set.

☐ **First Assigned Version**
When this option is enabled, the status of each Test in the Test Set is calculated based on the first Fix Version explicitly assigned to the Test Set.

Requirement Status Custom Field Versions

☒ **No Version**
When this option is enabled, the status of each Test associated with the Requirement is calculated based in the latest TestRun independently on the version it was executed.

☐ **Earliest Unreleased Version**
When this option is enabled, only the earliest unreleased Fix Version is displayed in the Custom Field.

☐ **Unreleased Versions**
When this option is enabled, all unreleased Fix Versions are displayed in the Custom Field.

☐ **Assigned Versions**
When this option is enabled, all explicitly assigned Fix Versions are displayed in the Custom Field.

- Not using Test Environments?

Test Runs

Execute In

FILTERS

Show 10 entries Columns

Key	Fix Version/s	Summary	Revision	Executed By	Started	Finished	Defects	Test Environments	Issue Assignee	Assignee	TestRunStatus	Status
CALC-2254		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 3:46 PM			None	Bruce Wayne	Bruce Wayne	TODO	
CALC-2253		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 9:49 AM	6 days ago 4:48 PM		None	Bruce Wayne	Bruce Wayne	FAIL	
CALC-2252		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 9:48 AM			None	Bruce Wayne	Bruce Wayne	TODO	
CALC-2251		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 9:48 AM			None	Bruce Wayne	Bruce Wayne	TODO	

Showing 1 to 4 of 4 entries

First Previous 1 Next Last

Here's what the reason might be.

Possible Causes

Scenario:

You have a Test with 3 Test Executions and the first one PASS, the second one PASS and the third is TODO.

The final status of the TestRunStatus shows the status has PASS although the last one is TODO. Why?

Calculator / CALC-2250

MyTest

Edit Comment Assign More Start Progress Resolve Issue Close Issue Admin

Details

Type: Test
Priority: Major
Affects Version/s: None
Component/s: None
Labels: None
TestRunStatus: PASS

Status: OPEN (View Workflow)
Resolution: Unresolved
Fix Version/s: None

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Description

Test Details

Pre-Conditions

Test Sets

Test Plans

Test Runs

Execute In

FILTERS

Show 10 entries Columns

Key	Fix Version/s	Summary	Revision	Executed By	Started	Finished	Defects	Test Environments	Issue Assignee	Assignee	TestRunStatus	Status
CALC-2253		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 9:49 AM			None	Bruce Wayne	Bruce Wayne	TODO	
CALC-2252		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 9:48 AM	Just now		None	Bruce Wayne	Bruce Wayne	PASS	
CALC-2251		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 9:48 AM	Just now		None	Bruce Wayne	Bruce Wayne	PASS	

So, the reason you are seeing this result is because the TODO status is not a final Status and the PASS is.

If you go to Administration> Add-ons> Xray> Manage Test Statuses you will see that the TODO status is not marked Final while the PASS status is marked Final. This means that when TestRunStatus makes its calculation, it initially looks for which status is Final (and latest).

As PASS is final and TODO not, the prevailing status is PASS. If both were Final, what prevails is the one below the list:

Test Statuses
Manage custom Test Run statuses for Xray

Name	Description	Final	Color	Requirement Status	Operations
PASS	The test run has passed	<input checked="" type="checkbox"/>	Green	OK	
TODO	The test run has not started	<input type="checkbox"/>	Grey	NOTRUN	
EXECUTING	The test run is currently being executed	<input type="checkbox"/>	Yellow	NOTRUN	
FAIL	The test run has failed	<input checked="" type="checkbox"/>	Red	NOK	
ABORTED	The test run was aborted	<input checked="" type="checkbox"/>	Black	NOTRUN	
BLOCKED		<input type="checkbox"/>	Blue	NOTRUN	Edit Delete
PENDING		<input type="checkbox"/>	Orange	UNKNOWN	Edit Delete
FAIL_DISCARDABLE	FAIL_DISCARDABLE	<input type="checkbox"/>	Orange	UNKNOWN	Edit Delete
FAILING_BUT_OK	this is failing but we can go to production	<input type="checkbox"/>	Green	OK	Edit Delete
PASS-Team	Pass as team decision	<input checked="" type="checkbox"/>	Green	OK	Edit Delete
SKIP		<input checked="" type="checkbox"/>		NOTRUN	Edit Delete

Create

ORDER ↑

Solution

If you need to see the Status TODO in your final TestRunStatus, you can create a new status, maked as Final and use it in your Test Execution. Check here our suggestion:

- 1 - Go to Administration> Add-ons> Xray> Manage Test Statuses
- 2 - Click in Create
- 3 - Choose a Name, Description, Check the "Final" box, choose a color and the Requirement Status

Manage custom Test Run statuses for Xray

Name	Description	Final	Color	Requirement Status	Operations
PASS	The test run has passed	<input checked="" type="checkbox"/>	Green	OK	
TODO	The test run has not started	<input type="checkbox"/>	Grey	NOTRUN	
EXECUTING	The test run is currently being executed	<input type="checkbox"/>	Yellow	NOTRUN	
FAIL	The test run has failed	<input checked="" type="checkbox"/>	Red	NOK	
ABORTED	The test run was aborted	<input checked="" type="checkbox"/>	Black	NOTRUN	
BLOCKED		<input type="checkbox"/>	Blue	NOTRUN	Edit Delete
PENDING		<input type="checkbox"/>	Orange	UNKNOWN	Edit Delete
FAIL_DISCARDABLE	FAIL_DISCARDABLE	<input type="checkbox"/>	Orange	UNKNOWN	Edit Delete
FAILING_BUT_OK	this is failing but we can go to production	<input type="checkbox"/>	Green	OK	Edit Delete
MyTODO	TODO	<input checked="" type="checkbox"/>	Pink	NOTRUN	Edit Delete
SKIP		<input checked="" type="checkbox"/>		NOTRUN	Edit Delete

- 4 - Go to your Test
- 5 - Change the last Test Execution to your new status



Calculator / CALC-2250

MyTest

Edit Comment Assign More Start Progress Resolve Issue Close Issue Admin

Details

Type: Test
Priority: Major
Affects Version/s: None
Component/s: None
Labels: None
TestRunStatus: MYTODO

Status: OPEN (View Workflow)
Resolution: Unresolved
Fix Version/s: None

Description

Test Details

Pre-Conditions

Test Sets

Test Plans

Test Runs

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CALC-2252		Ad-hoc execution for CALC-2250		Bruce Wayne	1 week ago 9:48 AM	4 minutes ago		None	Bruce Wayne	Bruce Wayne	PASS	
Ad-hoc					1 week			None	Bruce Wayne	Bruce Wayne	PASS	