

User Guide

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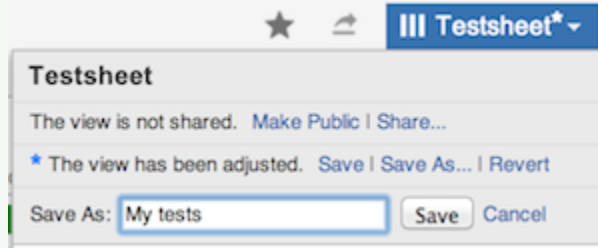
Overview

Once installed, the Testy plugin allows you to create and maintain a special type of Structure column called 'Test Run'. You can take advantage of Structure's ability to manage hierarchical lists to build up testsheets, using Testy to quickly mark and view test step results in separate columns.

The screenshot displays the Testy plugin interface within a testing environment. The main area shows a hierarchical list of tests under 'Hyperdrive Tests'. The tests are organized into folders: 'Regression tests', 'Sanity tests', 'Performance Testing', and 'Fixed bugs'. Each test item includes a key number and a summary description. A red box highlights a specific section of the interface, showing two columns of test results: 'AT Chrome, v 1.1' and 'AT IE11, v 1.1'. These columns display various status indicators such as 'PASSED', 'FAILED', 'BLOCKED', and 'SKIPPED' for different test steps. The interface also includes a top toolbar with navigation and automation options, and a bottom status bar indicating 'Showing 17 items'.

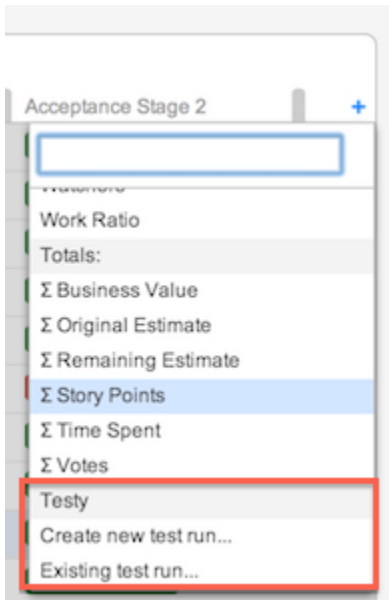
Adding Test Runs to the Structure

Once you have prepared a test sheet in a separate structure, it's good idea to create a separate view as well.



That's because the test runs you see on the screen are defined by the column configuration that is saved in the view.

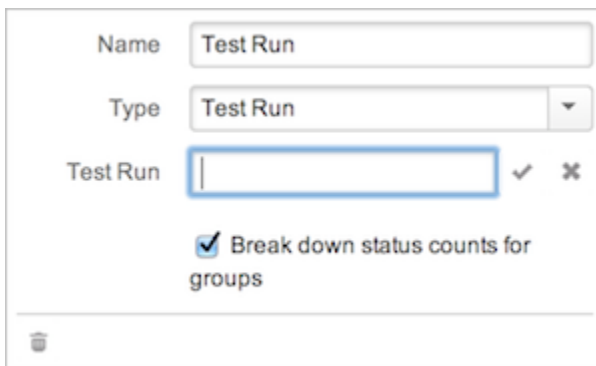
Test run columns are added using the standard **add column** dialog. To add a column, click on the **+** button at the right corner of the table header. A drop-down with available column presets appears. Scroll down to see the **Testy** commands group



Either one of the available commands will create a **Test Run** column, which can later be changed to display any available test run.

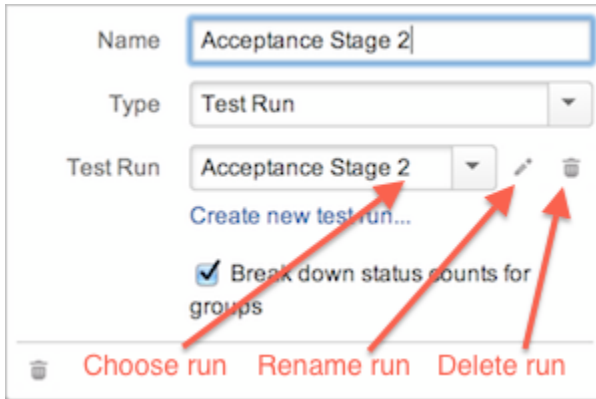
Creating a New Test Run

Choose **Create new test run...** from the column list or column configuration dialog to create a new test run. Enter a descriptive name for the test run, e.g. "Test Run 1 12/03/2014 Chrome 33.0". The name of each test run should be unique within any one structure. Test runs with the same name can exist only in different structures.



Press enter or the  icon to save the new test run. If the name is invalid, you will be alerted to this problem.

Choosing an Existing Test Run

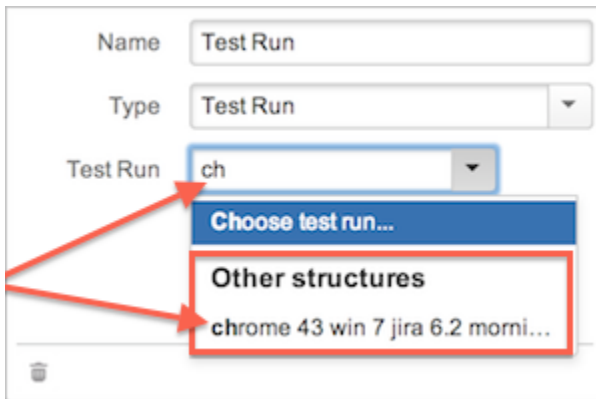


The screenshot shows a configuration dialog for a test run. It has three main input fields: 'Name' with the value 'Acceptance Stage 2', 'Type' set to 'Test Run', and 'Test Run' also set to 'Acceptance Stage 2'. Below these fields is a checkbox labeled 'Break down status counts for groups' which is checked. At the bottom of the dialog, there are three red buttons: 'Choose run', 'Rename run', and 'Delete run'. Three red arrows point from these buttons to the 'Test Run' dropdown menu, the 'Rename run' button, and the 'Delete run' button respectively.

You can choose from the existing test runs associated with a particular structure by adding the **Existing test run...** column to the widget and selecting the required test run from the drop-down list in the column configuration dialog. This dialog will also let you change the name of the run or delete it completely.

Please note that if you remove the column itself using trashcan icon in the dialog footer, this does NOT delete the test run. It merely removes the column from the structure board. You can add a new column and choose this test run again later. If you delete the test run itself, all associated test results are gone forever.

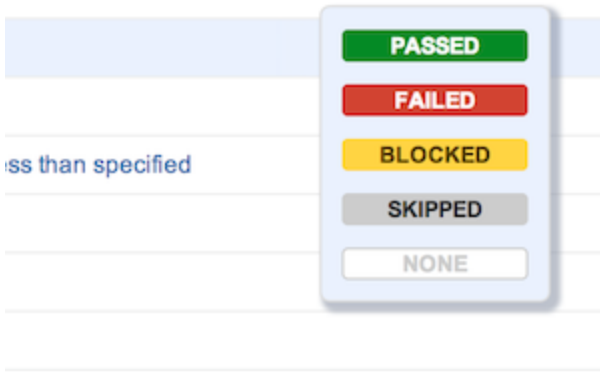
By default, the drop-down list displays only test runs which are associated with the current structure. You can, however, also add test data associated with the same issues but in another structure. To do this, start typing the test run name to see suggestions. Test run modification permissions are tied to structure permissions, so it may be available only in read-only mode to you.



The screenshot shows the same configuration dialog as above, but with the 'Test Run' dropdown menu open. The dropdown shows 'ch' as the current selection. Below it, there is a blue button labeled 'Choose test run...'. Underneath that, there is a section titled 'Other structures' which contains a list of suggestions, with the first one being 'chrome 43 win 7 jira 6.2 morni...'. Two red arrows point from the left side of the image to the 'Choose test run...' button and the 'Other structures' section.

Changing Test Results

Once you have created a new or existing test run column, you can start setting test results. To do so, simply click on the empty space or on the already selected result corresponding to the appropriate issue. A result selector popup will be displayed. Choose one of the options accordingly.



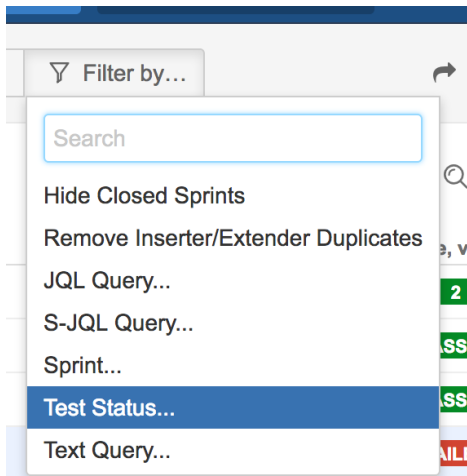
If you change the result for any group issue, the selected result will be propagated down through the whole sub-tree of all its descendants.

Filtering Structure by Test Run Status

Structures can be filtered by test runs statuses using special [structure automation rule](#) (available for Testy 2.3+).

To show only issues with specific statuses in a certain test run, do the following:

1. Click Automation | Filter | Test Statuses.



2. Select the statuses which should be shown and the test run which will be used for filtering. Click Apply.

Filter by Test Status

Runs As Admin

Show statuses

Filter by test run

Options Show all sub-items of matching items

Filter on level

To quickly apply/remove such filtering you can create a filter using [Transformations](#) and save it as a [Quick Transformation](#).

If you want to filter based on several test runs - several generators should be added.

Test Run Column Display Options

Show numbers

Name

Type

Test Run ✓ ✕

Show numbers

Show users

Show notes

Summary	Acceptance tests v 1.1	Acceptance tests v 1.1
<ul style="list-style-type: none"> Regression tests <ul style="list-style-type: none"> Sanity tests <ul style="list-style-type: none"> Plug the engine in, check "Power" light turns to green Apply power, observe thrust Automated run throught playground hyperspace route Check that brakes work Try to re-start engine after cool down period 	<div style="border: 2px solid red; padding: 2px;">2 1 1 1</div> <div style="border: 2px solid red; padding: 2px;">2 1 1 1</div> <div style="border: 2px solid red; padding: 2px;">BLOCKED</div> <div style="border: 2px solid red; padding: 2px;">FAILED</div> <div style="border: 2px solid red; padding: 2px;">PASSED</div> <div style="border: 2px solid red; padding: 2px;">PASSED</div> <div style="border: 2px solid red; padding: 2px;">PASSED</div>	<div style="border: 2px solid red; padding: 2px;">FAILED</div> <div style="border: 2px solid red; padding: 2px;">FAILED</div> <div style="border: 2px solid red; padding: 2px;">BLOCKED</div> <div style="border: 2px solid red; padding: 2px;">FAILED</div> <div style="border: 2px solid red; padding: 2px;">PASSED</div> <div style="border: 2px solid red; padding: 2px;">PASSED</div>

By default, a group issue's test result is displayed as a distribution of its children's results. You may choose to display it as a single result by unchecking the **Show numbers** option. In this case, by default it is calculated by the following rules:

- if all included results are **PASSED** (save for possibly a few **SKIPPED**), the group result is **PASSED**
- if at least one included result is **FAILED**, the group result is **FAILED**
- if at least one included result is **BLOCKED**, the group result is **BLOCKED**
- if all included results are **SKIPPED**, the group result is **SKIPPED**
- otherwise it's considered ambiguous and isn't displayed at all

Show users

Name

Type ▼

Test Run ✓ ✕

Show numbers

Show users

Show notes

🗑️

Summary	Acceptance tests v 1.1	Acceptance tests v
<ul style="list-style-type: none"> Regression tests <ul style="list-style-type: none"> Sanity tests <ul style="list-style-type: none"> Plug the engine in, check "Power" light turns to green BLOCKED Apply power, observe thrust PASSED Automated run throught playground hyberspace route FAILED Check that brakes work Try to re-start engine after cool down period PASSED 	<div style="display: flex; justify-content: space-between;"> <div> 2 1 1 1 </div> </div>	<div style="display: flex; justify-content: space-between;"> <div> 2 1 1 1 </div> </div>

You can choose to display the avatar of the user who set the status by checking the **Show users** option. Note that an issue at group level will display the avatars of all users who changed statuses for its sub-issues. You can also use this feature to 'assign' a test to yourself by setting the status to 'none', after which your avatar will be displayed beside the empty status field.

Show notes

Name

Type

Test Run ✓ ✕

Show numbers

Show users

Show notes

Auto expand notes for notes-suggesting statuses

Remove column

Apply power, observe thrust	PASSED	SKIPPED
Automated run through playground hyperspace route	FAILED	FAILED
Check that brakes work	PASSED	PASSED
Try to re-start engine after cool down period	BLOCKED	PASSED
▼ Performance testing	2	1
Check that we are reaching hyperspace in less than 6 sec	PASSED	
Passing near black holes should not cause blow-up	FAILED	
Apply calibrated space dust to the hull, measured damage should	PASSED	
▼ Fixed bugs	4	
Static discharge problem	PASSED	
Improved grounding	PASSED	
▼ Utilize bubble effect	2	2

Notes

Blocked by TEST-20, waiting for **version 1.0.5**

Delete Cancel

The additional **Auto expand notes** option appears when notes are enabled. When checked, it makes the notes dialog open automatically every time a test status is set to 'Failed' or 'Blocked'. Use this feature to remind testers to provide details when selecting these statuses.

Manage Statuses

Users with **jira-administration** permission are able to create new custom statuses via **Administration | Structure | Structure Testy | Manage Statuses** (or via **Get Started** button for Testy plugin on the Manage add-ons page)

Applications Projects Issues Add-ons User management System **Structure**

STRUCTURE ADMINISTRATION

- Configuration
- Defaults
- Backup Structure
- Restore Structure
- Migrate Structure
- Maintenance
- License Details
- Support

STRUCTURE.TESTY

Manage Statuses

STRUCTURE.PAGES

- Confluence Integration
- Structure.Pages License

Setup Guide

The order of the statuses is used to calculate the aggregate status for items that have sub-items. (The users can see the aggregate status if "Show numbers" column option is turned off.)

The status of the parent item is defined by the highest-order status among its children.

Name	Color	Suggesting Notes	Remove
FAILED	FAILED	<input checked="" type="checkbox"/>	
BLOCKED	BLOCKED	<input checked="" type="checkbox"/>	
NONE	NONE	<input type="checkbox"/>	
PASSED	PASSED	<input type="checkbox"/>	
SKIPPED	SKIPPED	<input type="checkbox"/>	
In progress	IN PROGRESS	<input type="checkbox"/>	
N/A	N/A	<input type="checkbox"/>	

+ Create status

You can create new status by clicking on **+Create status** button and **Enter**. Just start typing a new value to edit the name. You can choose the color by clicking on the colored lozenge.

Name	Color	Suggesting Notes	Remove
FAILED	FAILED	<input checked="" type="checkbox"/>	
BLOCKED	BLOCKED	<input checked="" type="checkbox"/>	
NONE	NONE	<input type="checkbox"/>	
PASSED	PASSED	<input type="checkbox"/>	
SKIPPED	SKIPPED	<input type="checkbox"/>	
<input style="width: 100%;" type="text" value="In Progress"/>	<div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <div style="background-color: #003366; color: white; padding: 2px 5px; margin-bottom: 2px;">IN PROGRESS</div> <div style="background-color: #0070c0; color: white; padding: 2px 5px; margin-bottom: 2px;">IN PROGRESS</div> <div style="background-color: #663300; color: white; padding: 2px 5px; margin-bottom: 2px;">IN PROGRESS</div> <div style="background-color: #800080; color: white; padding: 2px 5px; margin-bottom: 2px;">IN PROGRESS</div> <div style="background-color: #c00000; color: white; padding: 2px 5px;">IN PROGRESS</div> </div>	<input type="checkbox"/>	

The order of the statuses on this page is used to calculate the aggregate status for items that have sub-items. (if "show numbers" in columns settings is unchecked). The status of the parent item is defined by the highest-order status among its children.

The **Suggesting Notes** checkbox allows you to specify whether Testy should automatically open the dialog after this status is set. Remember, that the notes dialog will be opened automatically for this status only if **Auto expand notes for notes-suggesting statuses** is checked in Testy column settings.

Also you can remove your custom statuses by clicking the recycle bin icon in the **Remove** column. The removed status will be replaced with 'None' in test run columns.

