

Build Results Widgets

In this chapter:

- [Jenkins Job Results](#)
- [Portfolio - Quality Status](#)
- [Quality Status](#)

Jenkins Job Results



This widget shows the build results from a Jenkins job. You can connect the widget to the Jenkins server anonymously or specify credentials in the widget settings to connect to the server as a user. The widget shows the name of the job, build ID, and the name of the last run. Add an instance of the widget for each job you want to monitor. Use this widget to help verify that there are no errors related to building the application under test in the event that DTP is not collecting data.



This widget requires a DTP Enterprise license.

Contact your Parasoft representative for additional information.

Widget Configuration

You can configure the following settings:

Title	Enter a new title to replace the default title that appears on the dashboard.
Jenkins Server	Specify the URL of the Jenkins server, including protocol and port number, i.e., <code>http://<host>:<port></code> .
Jenkins Job	Name of the job you want to monitor.
Jenkins User	Specify the user name for an account for the Jenkins server (optional)
Jenkins Auth	Specify the password for an account for the Jenkins server (optional)

Actions

Click on the widget to view the job status in the Jenkins server.

Custom Dashboard Properties

This is a legacy widget and cannot be added to [Custom Dashboard Templates](#).

Portfolio - Quality Status

Portfolio - Quality Status					
Project Filter ↑	Latest Build	Sev 1 Viol...	Failed Tests	Coverage	Status
C++test-1	5520	N/A	0	N/A	Passed
Calculator	calc_may19	N/A	0	43.43%	Passed
change++ manage...	change++ management mo...	10	6	29.73%	Passed
Comparison-Widgets	ALL_RUNS_2	3	25	11.31%	Failed
Compliance	.NET_10.3	218	25	47.44%	Failed

This widget provides a high-level view of the quality status for all your projects. Any project that you are a member of will automatically appear in the widget. Users with administrator privileges have access to all projects. See [Adding Teams to Projects](#) for additional information about team membership or [Permissions](#) for information about built-in user permissions in DTP.

DTP presents data according to filters—not necessarily projects. By default, a project will have at least one filter, but the project manager may configure several filters in order to view the data in a variety of ways. This widget shows only the "project filter." This is the default filter created in DTP when a new project is added to the system. The project filter takes the name of the project. See [Creating and Managing Filters](#) for additional information.

Quality status is based on data for the latest build using the following metrics:

- Severity 1 violations
- Failed tests
- Code coverage

You can configure thresholds that define acceptable levels for these metrics (see [Widget Configuration](#)). All values for the metrics must be within the acceptable range for the project status to be set to Passed. If data for the quality metrics does not exist, the status for the project will still be set to Passed.

Widget Configuration

Title	Enter a new title to replace the default title that appears on the dashboard.
Sev 1 Violations Threshold	Specify the maximum number of severity 1 violations allowed. If the number of violations reported exceeds the value in this setting, the quality status will be set to Fail. The default threshold is 10.
Failed Tests Threshold	Specify the maximum number of test failures allowed. If the number of test failures exceeds the value in this setting, the quality status will be set to Fail. The default threshold is 10.
Coverage Threshold	Specify the minimum percent of coverage that is acceptable. If the reported coverage is lower than the specified value, the quality status will be set to Fail. The default threshold is 25.
Size	Specify a size for the widget. Choose Small to show the widget in a 1 x 3 space. Choose Large to show the widget in a 2 x 3 space. For additional information about widget sizes, see About the Dashboard Grid .

Actions

You can interact with the widget in the following ways:

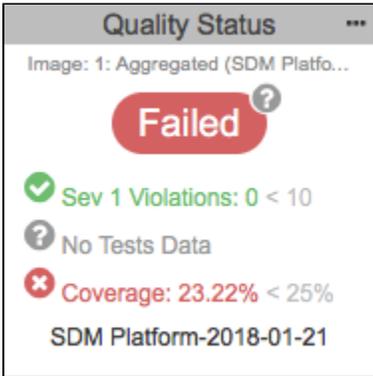
1. Click on a column header to sort the data.
2. Click on a link in the Latest Build column to view the [Build Audit Report](#).

Custom Dashboard Properties

You can add this widget to your custom dashboards by specifying the following properties in the dashboard definition JSON file (see [Custom Dashboard Templates](#) for details):

```
"name": "Portfolio.Quality_Status"
"type": "native",
"uuid": "12c53f03-1ff6-4072-ba9f-ca7586cble31"
```

Quality Status



This widget shows the overall code quality status for the target build. It uses the following metrics to determine the status:

- Number of severity 1 violations
- Number of failed tests
- Level of code coverage

You can define your quality policy by configuring the thresholds for each metric. A question mark will appear if the target build does not have data for a metric.

Widget Configuration

You can configure the following settings.

Title	Enter a new title to replace the default title that appears on the dashboard.
Filter	Choose Dashboard Settings to use the dashboard filter or choose a filter from the drop-down menu.
Target Build	Choose a build from the drop-down menu. Only the data for this build will appear in the widget.
Coverage Image	Choose a coverage image from the drop-down menu. This is required in order to show coverage data in the widget. See Associating Coverage Images with Filters .
Sev 1 Violations Threshold	Specify the maximum number of severity 1 violations allowed. If the number of violations reported exceeds the value in this setting, the quality status will be set to Fail. The default threshold is 10.
Failed Tests Threshold	Specify the maximum number of test failures allowed. If the number of test failures exceeds the value in this setting, the quality status will be set to Fail. The default threshold is 10.
Coverage Threshold	Specify the minimum percent of coverage that is acceptable. If the reported coverage is lower than the specified value, the quality status will be set to Fail. The default threshold is 25.

Actions

Each metric opens its associated explorer view:

- Click **Sev 1 Violations** metric to view the build data in the [Violations Explorer](#).
- Click the **Failed Tests** metric to view the build data in the [Test Explorer](#).
- Click the **Coverage** metric to view the build data in the [Coverage Explorer](#).

Custom Dashboard Properties

You can add this widget to your custom dashboards by specifying the following properties in the dashboard definition JSON file (see [Custom Dashboard Templates](#) for details):

```
"name": "Quality_Status"  
"type": "native",  
"uuid": "4181248e-95fc-421c-88b1-7e6423199177"
```