

# Build Audit Report

The Build Audit Report shows all test and analysis artifacts and metadata associated with a build so that you can understand how well the build is tested. You can access the report by clicking on a build from the Build Administration page (see [Build Administration - Statistics](#)).

The Build Audit Report has the following sections:

- [Tests](#)
- [Coverage](#)
- [Static Analysis](#)
- [Runs](#)

For additional information about the concepts covered in this report, please see [DTP Concepts](#).

## Tests

The Tests table shows the number of tests passed, failed, and incomplete organized by test type, such as functional or unit tests, associated with the build. The number of passing tests are also represented as a percentage. Test data is automatically merged so that overlapping tests do not affect the totals reported.

Build Audit Report				
Build: SDM Platform-2017-02-23 Filter: SDM Platform				
Tests				
Tests	Passing Percent	Pass	Fail	Incomplete
Unit	100.00 %	1940	0	0
Functional	99.74 %	12448	33	0
Manual	0.00 %	0	0	0
Total	99.77 %	14388	33	0

## Coverage

The Coverage table shows the code coverage associated with the build organized by coverage image (see [DTP Concepts](#) to learn about coverage images, builds, and other concepts).

Coverage			
Coverage Image	Percent	Lines Covered	Total Lines
1: All (AllTests)	Not available	Not available	Not available
2: Unit Test (SDM Platform_UT)	4.05 %	17943	443217
3: Functional Test (SDM Platform_FT)	21.40 %	94831	443239
4: Manual Test (ApplicationCoverage)	Not available	Not available	Not available
5: Other (SDM Platform,SDM Platform_UT)	Not available	Not available	Not available

DTP supports up to five coverage images per build. The run configuration associated with the coverage image displays in parentheses. The following coverage images are included by default:

- All: Image that includes coverage for all tests.
- Unit Tests: Image that includes coverage for unit tests, such as tests executed with a Parasoft DTP Engine.
- Functional: Image that includes coverage for functional tests, such as tests executed with Parasoft SOAtest.
- Manual Tests: Image that includes coverage for unit tests, such as tests run using the Parasoft Coverage Agent.
- Other: Image that includes coverage for unit tests, such as tests run by third-party tools.

See [Associating Coverage Images with Filters](#) for additional information.

## Static Analysis

The Static Analysis table shows the number of violations and suppressed violations reported in the build.

## Static Analysis

Violations	Suppressed Violations
1957	852

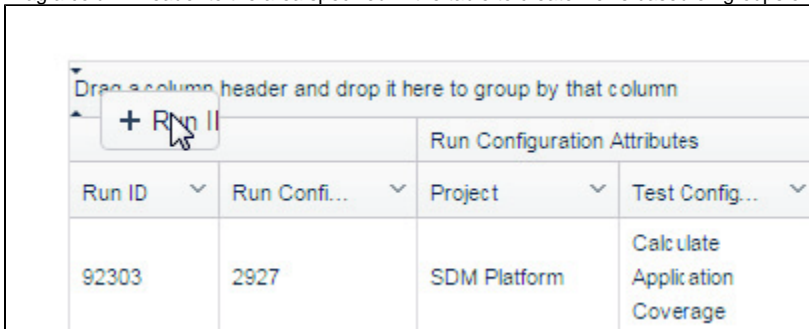
## Runs

The specific run information associated with the build is displayed in an interactive Runs table.

Build Audit Report											
Build: SDM Platform-2017-02-23 Filter: Adam Test 1											
<a href="#">Download Archive</a>											
To group by a specific column, drag and drop the desired column to this area.											
			Run Configuration Attributes				Run Information				
Run ID	Run Confi...	Setup Pr...	Project	Test Con...	Session ...	Engine	Machine	User	Run Date	Run Type	Reports
97090	3102	0	SDM Platform	Calculate Application Coverage	DTP Application Coverage	DTP Engine for Java	soa-sdm-jtest.parasoft.com	jenkins	2017-02-24 07:49:15	Coverage	XML
97091	3013	0	Default Project	DTP SOAtest - Linux x64 - MySQL 5.7	DTP SOAtest - dtp8	SOAtest	soa-sdm-jtest.parasoft.com	jenkins	2017-02-24 05:38:59	Dynamic Analysis	XML   HTML   PDF
97088	1403	0	SDM Platform	DTP SOAtest - staging server	DTP SOAtest - staging server	SOAtest	soa-sdm-jtest.parasoft.com	jenkins	2017-02-24 04:52:44	Dynamic Analysis	XML   HTML   PDF
97086	3102	0	SDM Platform	Calculate Application Coverage	DTP Application Coverage	DTP Engine for Java	soa-sdm-jtest.parasoft.com	jenkins	2017-02-24 03:46:47	Coverage	XML
97084	3006	0	SDM Platform	Run Web Functional Tests in Chrome	DTP QA's - Smoke Test	SOAtest	meerkat	devtest	2017-02-24 01:52:50	Dynamic Analysis	XML   HTML   PDF
97081	2002	1 [ 0, 1, 0 ]	SDM Platform	Unit Tests	Unit Tests	DTP Engine for Java	soa-sdm-jtest.parasoft.com	jenkins	2017-02-24 01:24:25	Dynamic Analysis	XML   HTML   PDF

You can perform the following actions:

- Click on a table header to sort the data by that column.
- Drag a column header to the area specified in the table to create views based on groups of data.



- Click on a link in the Reports column to download the report associated with a specific run. You can download the report in XML or PDF format, as well as view an HTML version in your browser.



### Downloading Reports and Archives

You can only download reports and archives if the build has been locked and archived. See [Using Build Administration](#) for additional information.

- Click on the **Download Archive** drop-down menu and choose an archive type to download all the data associated with the build.

**Build Audit Report**

Build: SDM Platform-2017-02-23 Filter: Adam Test 1

### Runs

Download Archive ▾

- Download XML Archive
- Download HTML Archive
- Download PDF Archive
- Download All Archive

Area	Attributes	Run Information
Test Con... ▾	Se	Machine ▾ Us
Calculate Application	DT Application	soa-sdm-jtest.parasoft.c jen
	DTP Engine for Java	