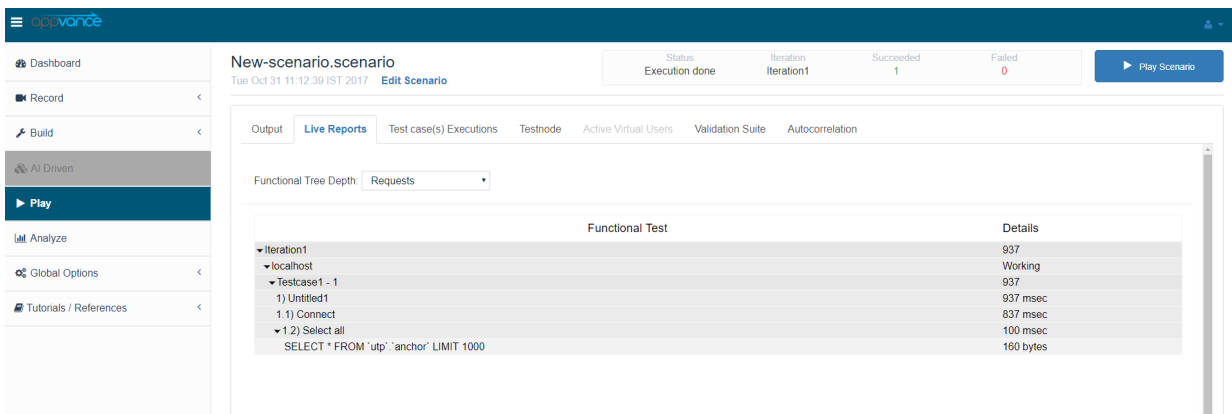


Reviewing SQL Test Execution Results

This section explains how to review the results of a SQL test execution and how to customize the step names displayed in the execution results.

In this example, the SQL test inserts a new record into the database and then retrieves the records using a `SELECT` statement. The execution results can then be reviewed to validate the data returned by the database.

The following example shows the results of a SQL test executed against a MySQL database:



The screenshot displays the Appvance web interface for reviewing SQL test execution results. The left sidebar contains navigation links: Dashboard, Record, Build, AI Driven, Play (highlighted), Analyze, Global Options, and Tutorials / References. The main content area shows the 'New-scenario.scenario' page with a status bar indicating 'Execution done', 'Iteration1', 'Succeeded 1', and 'Failed 0'. Below this, the 'Live Reports' tab is active, showing a 'Functional Tree Depth' dropdown set to 'Requests'. The 'Functional Test' table lists the execution details:

Functional Test	Details
Iteration1	937
localhost	Working
Testcase1 - 1	937
1) Untitled1	937 msec
1.1) Connect	837 msec
1.2) Select all	100 msec
SELECT * FROM 'utp' 'anchor' LIMIT 1000	160 bytes

Customizing SQL Step Names

By default, the step name displayed in the execution results corresponds to the SQL action or request defined in the script.

You can assign a custom name to a SQL step by adding a `-- step` instruction immediately before the corresponding SQL statement.

Use the following syntax:

```
-- step=Custom Step Name
```

For example:

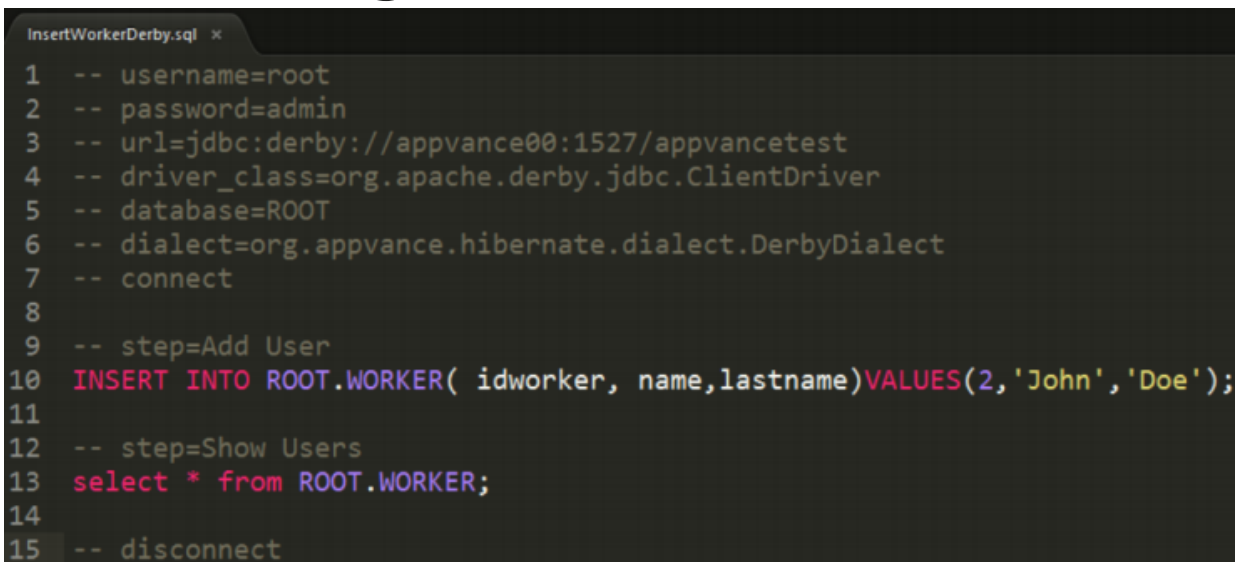
```
-- step=Select All
SELECT * FROM users;
```

The SQL action is displayed in the execution results using **Select All** as the step name.

This can make execution results easier to understand, especially when a SQL script contains multiple SQL statements.

The `.sql` script settings used for this execution are shown below:

Reviewing



```
InsertWorkerDerby.sql x
1  -- username=root
2  -- password=admin
3  -- url=jdbc:derby://appvance00:1527/appvancetest
4  -- driver_class=org.apache.derby.jdbc.ClientDriver
5  -- database=ROOT
6  -- dialect=org.appvance.hibernate.dialect.DerbyDialect
7  -- connect
8
9  -- step=Add User
10 INSERT INTO ROOT.WORKER( idworker, name,lastname)VALUES(2,'John','Doe');
11
12 -- step=Show Users
13 select * from ROOT.WORKER;
14
15 -- disconnect
```

SELECT Results

You can review the data returned by a `SELECT` statement from the **Request & Response** section of the execution results.

To review the response:

1. Open the SQL test execution results.
2. In the panel on the right side of the results screen, select **Test-case Executions**.
3. Select the test case execution you want to review.
4. Open the **Request & Response** tab.
5. Select the step associated with the `SELECT` statement.

The **Request & Response** tab displays the requests and responses associated with the individual execution steps. The custom step names assigned with the `-- step` instruction can be used to identify the corresponding SQL statements.

Selecting the request associated with the `SELECT` statement downloads the corresponding request data as a plain-text file.

The downloaded file does not have a file extension, so it can be opened with a text editor such as Notepad or Sublime Text.

The file contains the records returned by the `SELECT` statement during the test execution. You can use this information to verify that the database returned the expected data and validate the results of the SQL operation.

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If you have any feedback on this topic, please contact us at documentation@appvance.ai.

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