

Building and Running tests: SOAP API

In this lesson, we will learn how to build and run SOAP API tests using Gradle.

We'll cover the following

- Building the project
- Commands to run the test files from the command line
 - Sample tests for reference
- Generated report paths
- How to open an Allure report from the command line

Building the project

Go to the project root and run the following commands.

```
./gradlew clean build -x test
```

Commands to run the test files from the command line

Go to the project root to run the command.

Sample tests for reference

TestGetStudents

```
./gradlew clean build test --tests "io.educative.soap.tests.TestGetStudents"
```

TestIntegrationFlow

```
./gradlew clean build test --tests "io.educative.soap.tests.TestIntegrationFlow"
```

Generated report paths

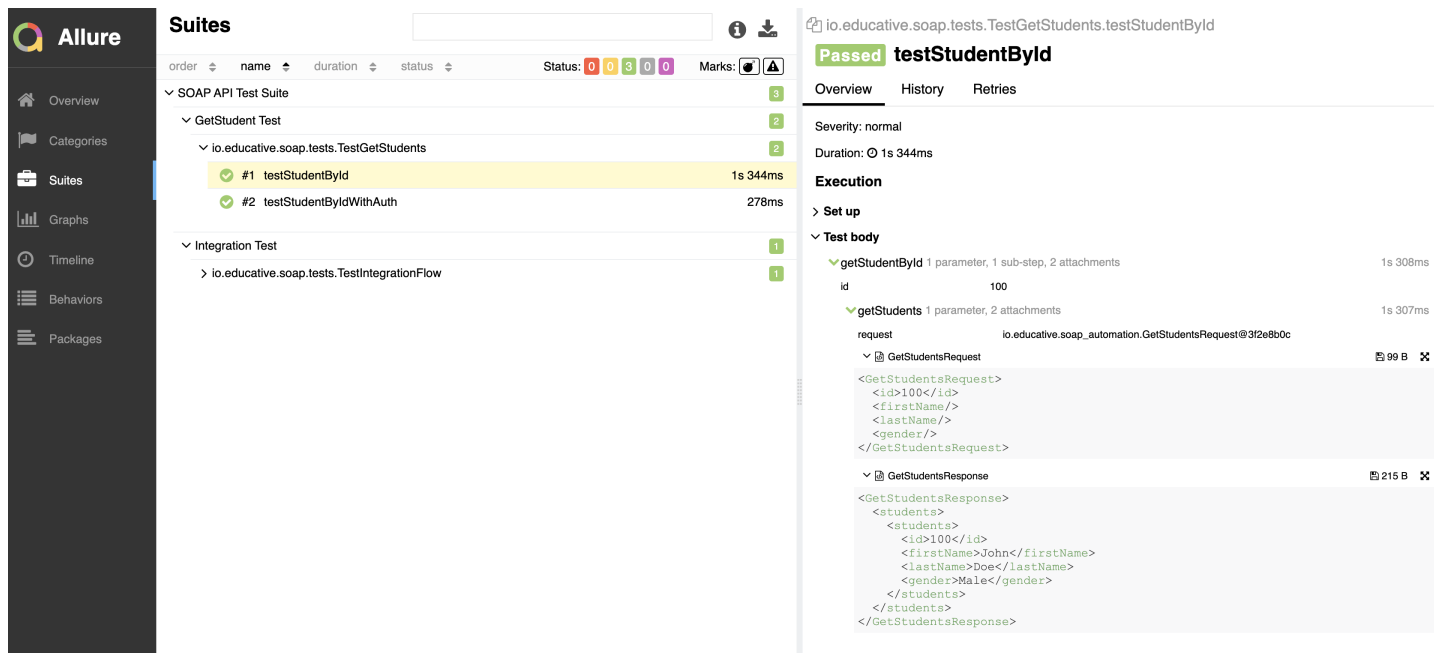
- **TestNG** - `./build/test-results/test/`
- **Allure** - `./build/reports/test-output/allure-reports/index.html`
- **Gradle** - `./build/reports/tests/test/index.html`

How to open an Allure report from the command line

Once the test execution is complete, please go to the project root and run the command below to open the Allure report:

```
./gradlew allureServe
```

The command above will open a report similar to the following one:



That is it! In the next chapter, we will conclude this course.