

# **running tests in parallel**

Now that you're running tests on Sauce, you may wonder how you can run your tests faster. One way to increase speed is by running tests in parallel across multiple virtual machines.

You can run your tests in parallel at two levels, and you can run your tests in parallel across multiple browsers. For example, if you have 10 tests and want to run on five browsers, this would be parallelism of five. You can also run tests across browsers and each test in parallel. Using our previous example this would be more like 50 parallel tests. Doing this requires that your tests are written in a way that they do not collide with one another, as described in our Best Practice topics [avoiding external test dependencies](#) and [avoiding dependencies between tests](#).

Check out [Using Frameworks to Run Tests in Parallel](#) for more information, and examples of framework setups for Java, Python, and other programming languages.