

Course Wrap Up



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Software Developer in Test

Overview

Selenium Grid
Further learning resources



Grid Benefits



Faster execution

**Greater combinatorial coverage (different
browsers, versions, operating systems)**



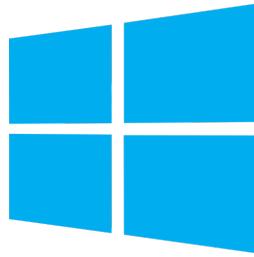
Grid Modes

Standalone

Hub-Node

Fully Distributed

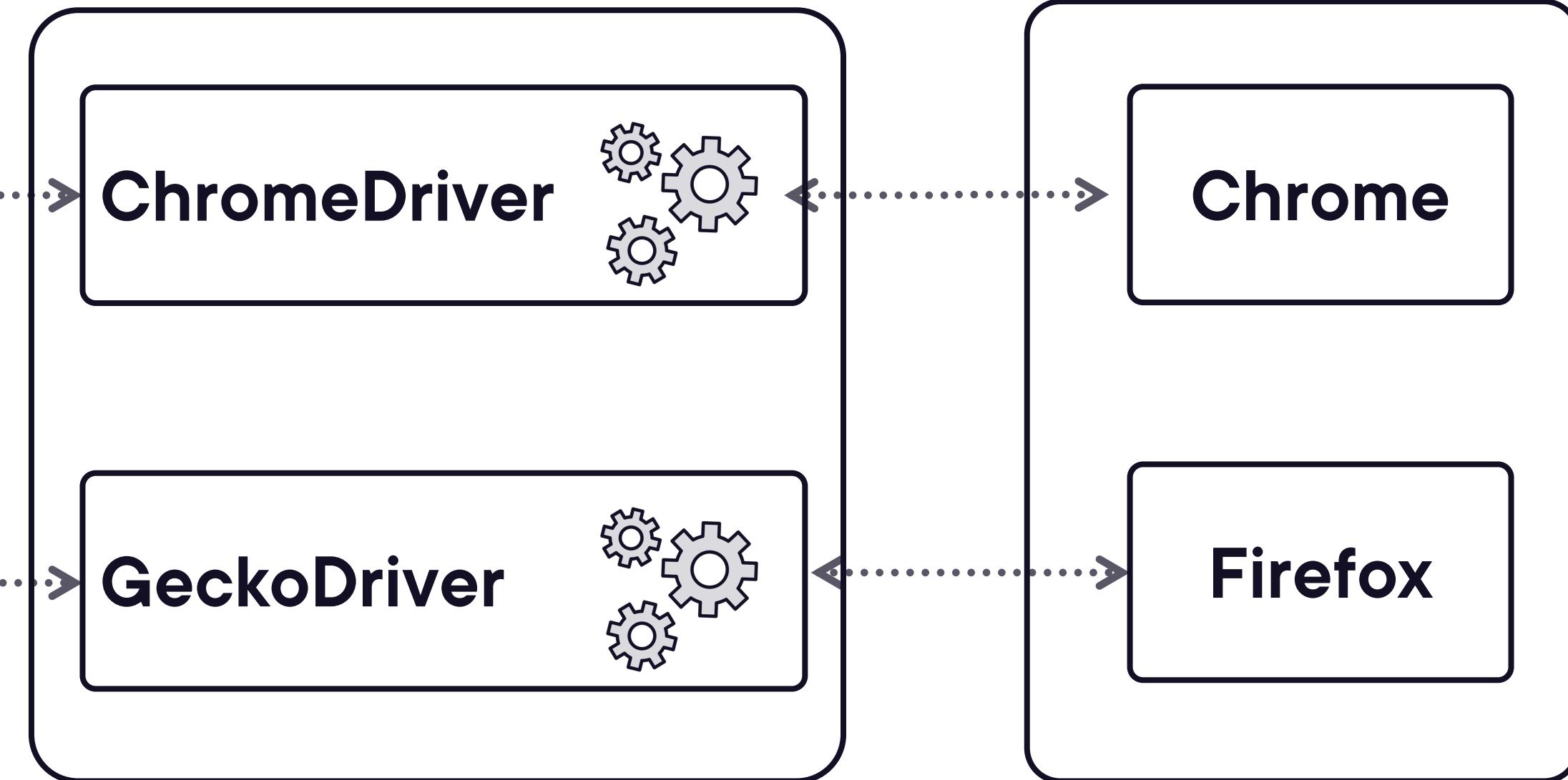


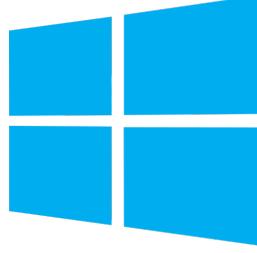


Host

W3C WebDriver
JSON over HTTP

WebDriver
script

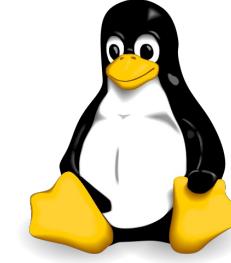




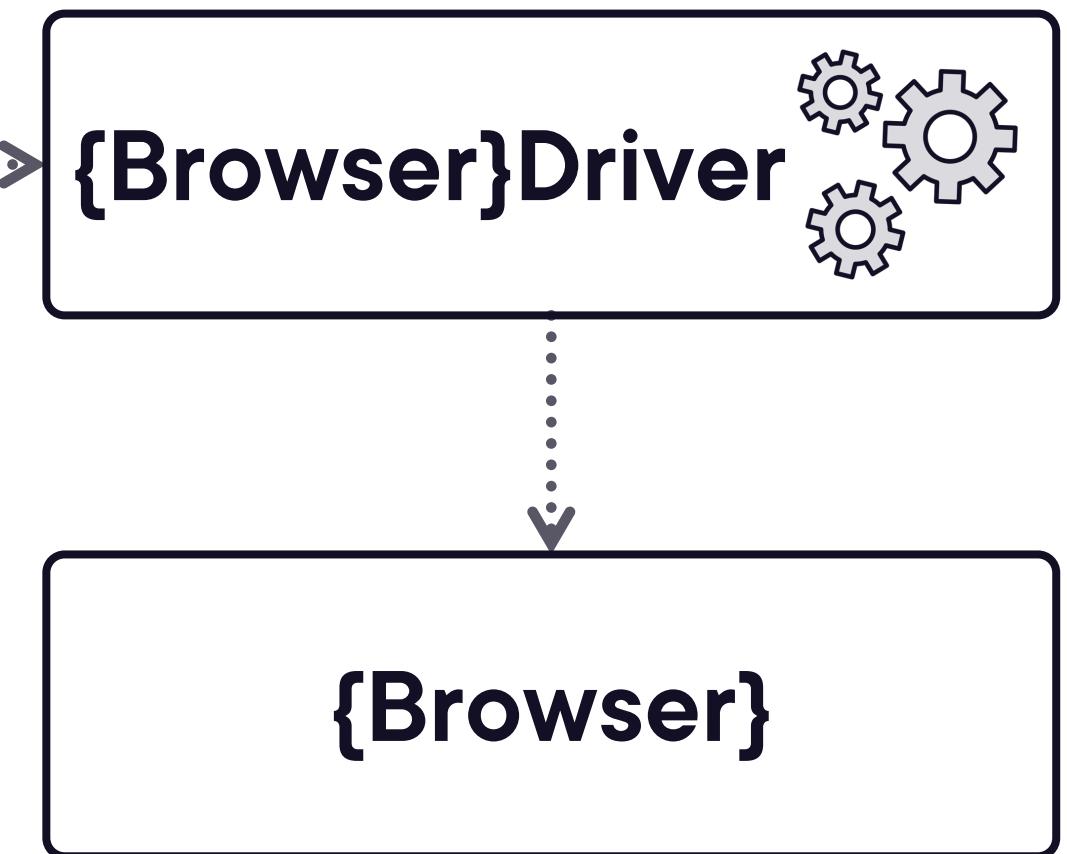
Host

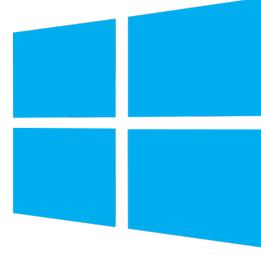
WebDriver
script

W3C WebDriver

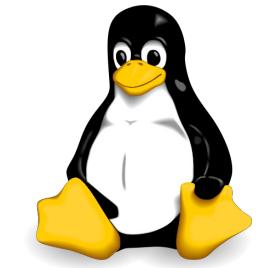


Host





Host



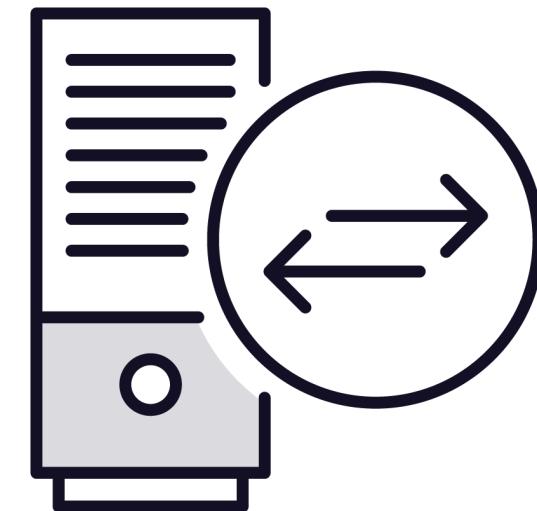
Hub



Node

**Driver and
Browser**

**WebDriver
script**



Node

**Driver and
Browser**



Starting Up Hub-Nodes Grid

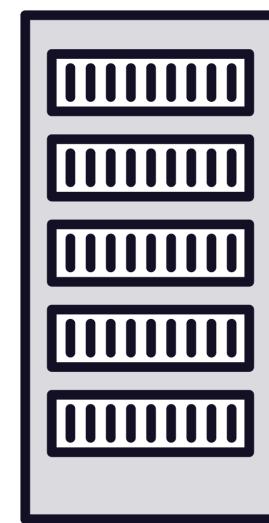
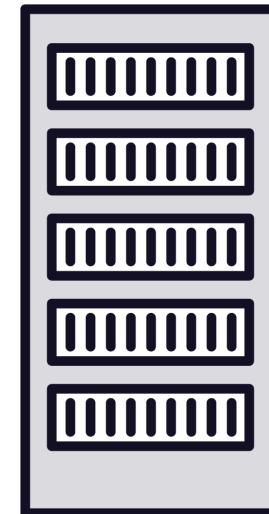
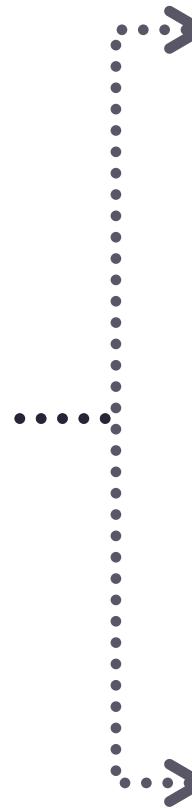
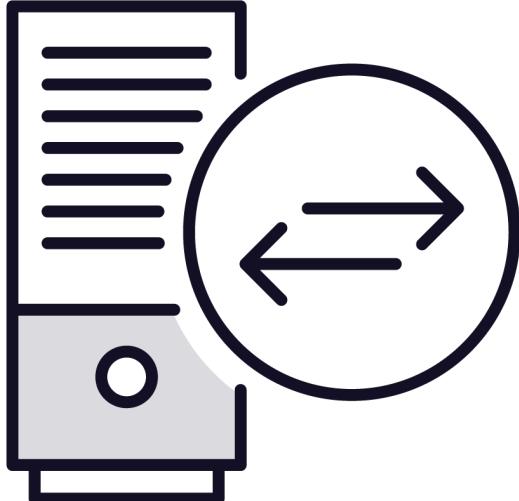
```
> java -jar server.jar hub  
> java -jar server.jar node --port 5555  
> java -jar server.jar node --port 5556
```



**Your single-threaded
Java program
(suite of tests)**

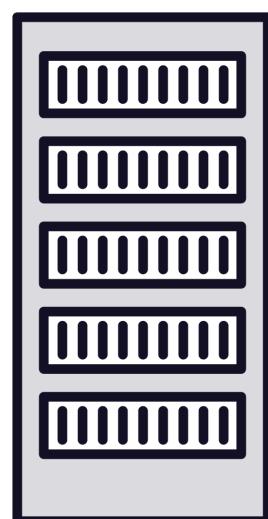
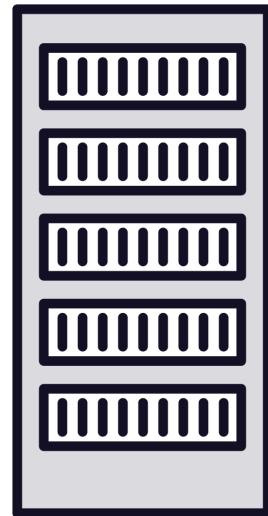
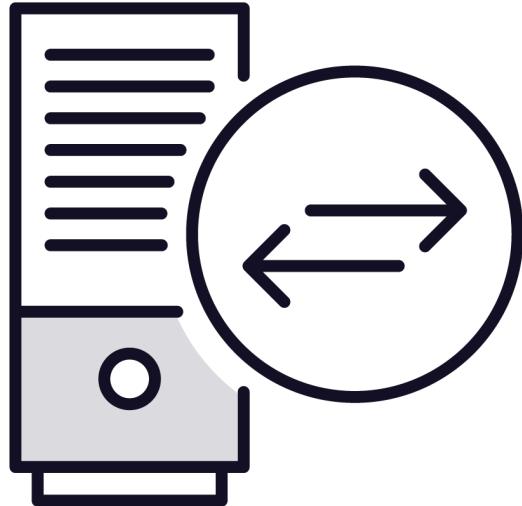
Sending tests
one by one

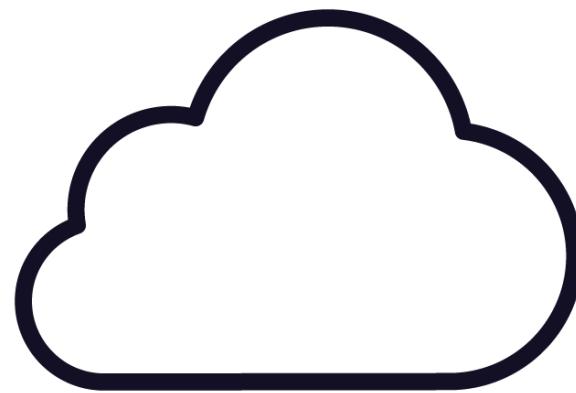
Grid



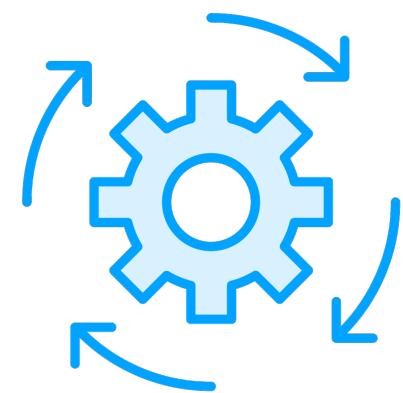
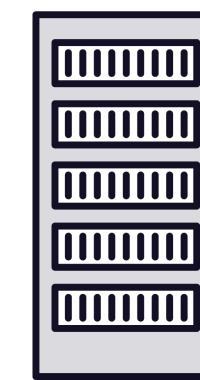
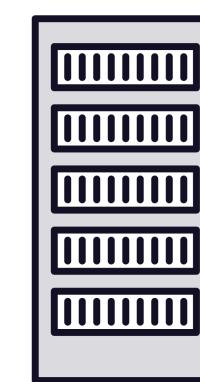
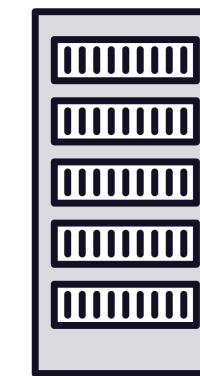
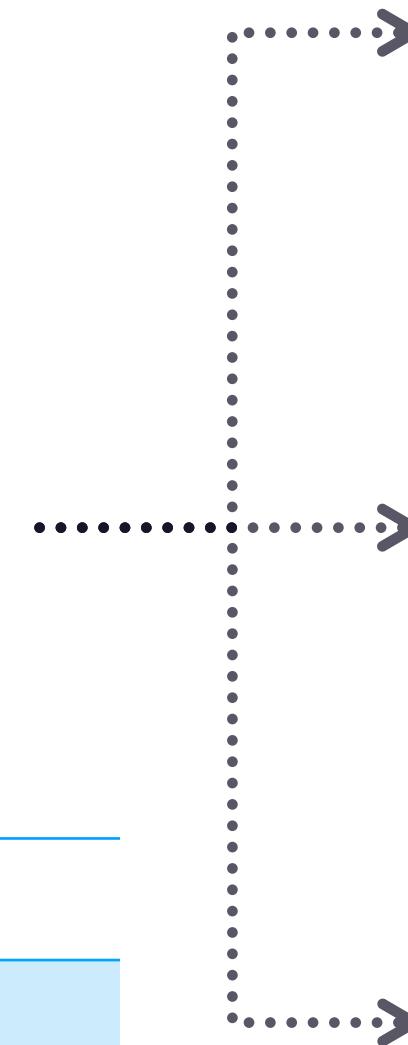
**Your multi-threaded
Java program
(suite of tests)**

Grid



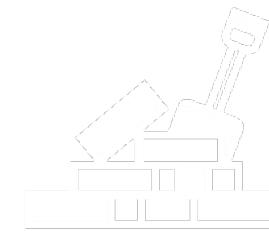


LambdaTest
Sauce Labs
Browser Stack
CrossBrowserTesting



Test Automation

Learn one step at a time,
and you will get there



Rating



Thank you!

(Happy test automation)

