

What is it

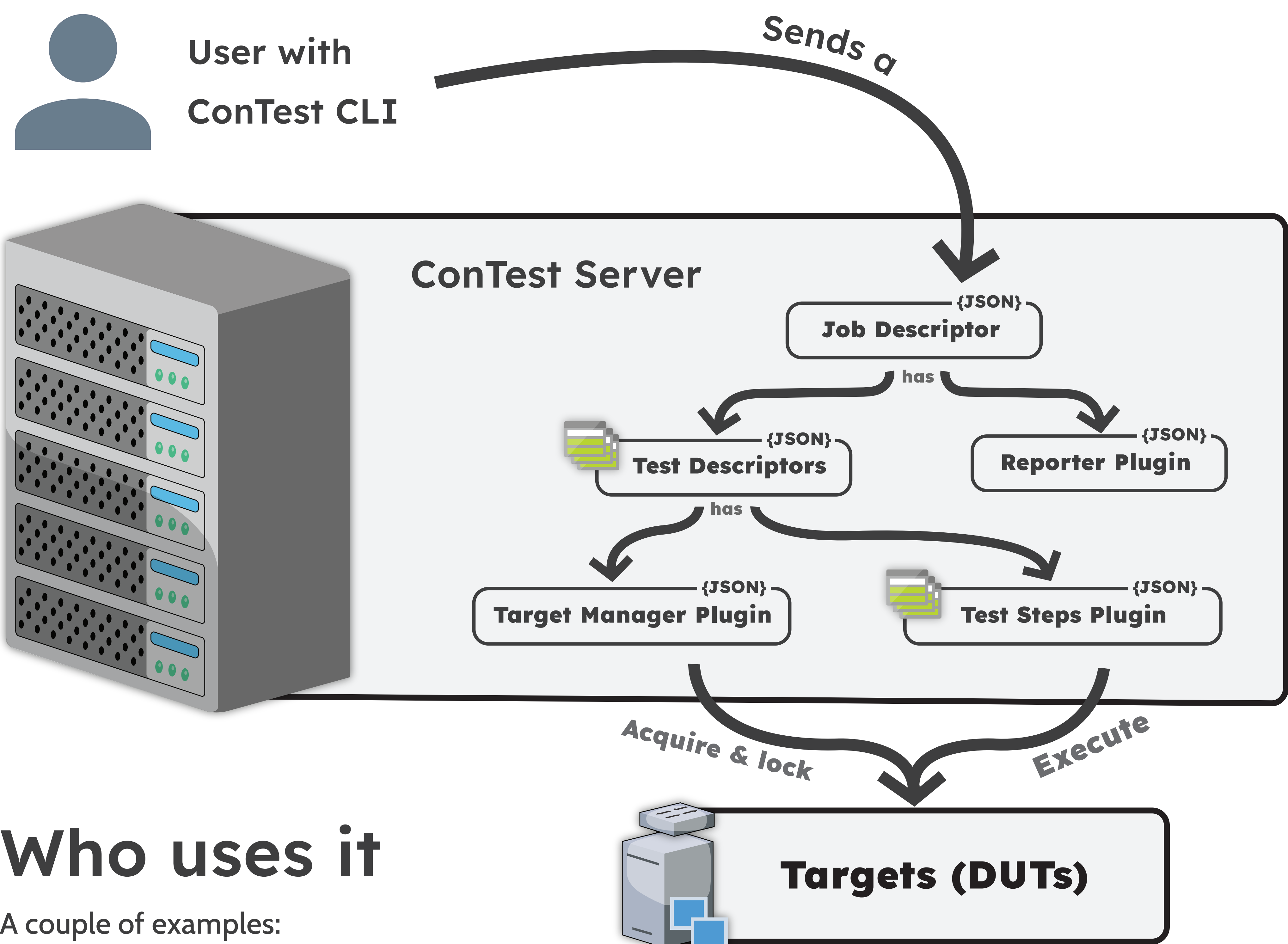
ConTest is a framework used for system testing, covering use cases such as system firmware testing, hardware provisioning, regressions, micro-benchmarks and more. As a framework, it is different than a just a regular program, as users are meant to extend it for their particular use.

ConTest provides a modular and pluggable set of interfaces to define your own methods to:

- fetch information about which systems to run on
- describe the type of tests to run (test descriptors)
- implement system-specific actions and measurements (test steps)
- maintain test state in persistent storage and pause/resume testing
- describe the final state for DUTs, decide pass/fail criteria
- log the test progress and final results, allowing customized frontends

Scan the QR code for ConTest or go to: <https://github.com/linuxboot/contest>

What does it do



Who uses it

A couple of examples:

- Facebook

Continuous testing for new hardware platforms, firmware packages, burn-in tests and other

- 9elements Cyber Security

CI system attached to GitHub, build and boot testing on QEMU and real hardware targets

