

# kaocha

[clojure](#), [test](#)

[lambdaisland/kaocha](#) is a comprehensive test runner that support unit testing and [clojure.spec](#) generative testing. [Clojure](#) and [ClojureScript](#) languages are supported.

## watch

```
clj -M:test-kaocha --watch
```

## bin/kaocha

```
#!/usr/bin/env bash

clojure -J-Xmx512m -M:test-kaocha -m kaocha.runner --config-file
test/tests.edn "$@"
```

## test/test.edn

```
#kaocha/v1 {}
```

## deps.edn

```
:test/runner
{:extra-paths ["test"]
 :extra-deps  {lambdaisland/kaocha {:mvn/version "1.0.700"}}
 :main-opts   ["-m" "kaocha.runner"]}
```

## Running tests

With a [deps.edn](#) project with tests under the standard [test](#) directory and using [-test](#) postfix on test names, then all that is required is the [kaocha](#) command

```
bin/kaocha
```

## Plugins

Much of the functionality of Kaocha is provide by plugins

- [profiling](#) - lists the slowest test for each test category
- [cucumber](#) - [bdd](#) style test
- [junit-xml reports](#) - format used by Continuous Integratino servers to display results

## Profiling

Show the 3 slwest tests for each category of test, after the test results

As a command line option:

```
bin/kaocha --plugin kaocah.plugin/profiling
```

or added to the [test.edn](#) configuration

```
#kaocha/v1
{:plugins [:kaocha.plugin/profiling]}
```

## Refs

- <https://github.com/lambdaisland/kaocha>
- <https://practical.li/clojure/testing/test-runners/kaocha-test-runner.html>

- [kaocha](#)

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