Running Unit and End to End Tests with the Vue CLI
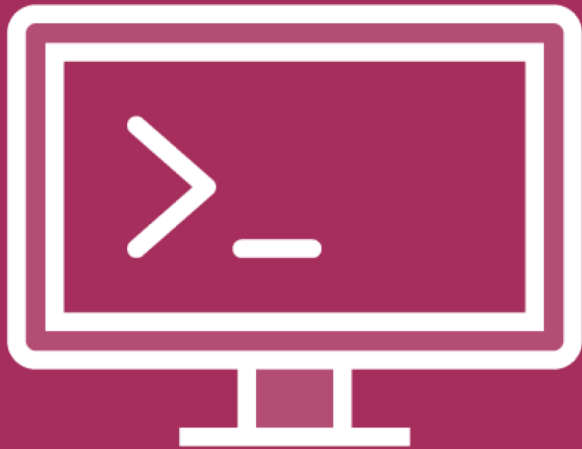
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Testing with the Vue CLI

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Unit testing and your options

End to end testing and your options
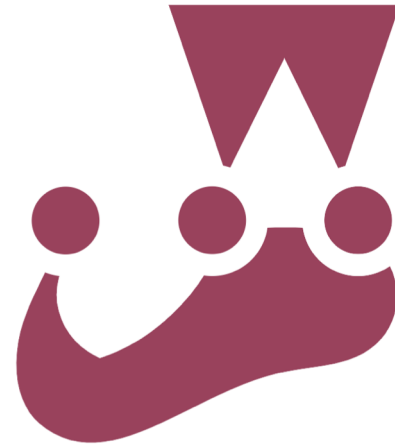
Unit Testing with the Vue CLI

Unit Testing Solutions

Run Mocha + Chai

Run Jest

https://mochajs.org/

https://jestjs.io/

Unit Tests

Access via npm scripts

```
$ npm run test:unit
```

Access via ./node_modules

```
$ ./node_modules/.bin/vue-cli-service test:unit
```

Access via npx

npx requires npm 5.2+

```
$ npx vue-cli-service test:unit
```

Testing options may differ for Mocha and Jest

Viewing the Unit Test Options

Options for Mocha and Jest may differ

Vue CLI also allows all options from the test provider (Mocha / Jest)

Reference their docs for full details

```
$ npx vue-cli-service test:unit --help
```
View the help commands

Mocha command line options https://jpapa.me/2QwgD9z

Jest command line options https://jpapa.me/2Bi7YgE

Demo

Running Unit Tests

End to End Testing with the Vue CLI

End to End Testing Tools with the Vue CLI


```
$ npm run test:e2e
```

```
$ npm run test:e2e
```

https://www.cypress.io/

http://nightwatchjs.org/

e2e Tests

Access via npm scripts

```
$ npm run test:e2e
```

Access via ./node_modules

```
$ ./node_modules/.bin/vue-cli-service test:e2e
```

Access via npx

npx requires npm 5.2+

```
$ npx vue-cli-service test:e2e
```

Demo

Running End to End Tests

Summary