

2. Setup CodeceptJS with WebDriverIO

We will start with CodeceptJS and its WebDriver helper. This will enable us to run the test in different browsers easily.

The first step is to create a working directory in your workspace

```
mkdir my-auto-e2e-tests and switch to it cd my-auto-e2e-tests .
```

The next step is to create a `package.json` boilerplate. This is needed to save our project dependencies. To do so, run `npm init -y`.

Following we install CodeceptJS with its WebDriver helper and the

`selenium-standalone` package. To do that, run

```
npm install codeceptjs webdriverio selenium-standalone --save-dev .
```

Now we need to run `npx selenium-standalone install` to download the selenium server and the default browsers drivers.

Finally we can run `npx codeceptjs init` to setup our first CodeceptJS project.

We use the following prompt answers:

- Just press return for the tests location.
- Confirm "WebDriver" as the CodeceptJS helper we want to use.
- The default `./output` path is also well, just press enter.
- Yes we probably want to extend the `"I"` object with custom steps, just press enter.
- Also for the location for custom steps, just press enter.
- We don't use test localization, just press enter.
- The default location for custom steps `./steps_file.js` is also fine, just press enter.
- As base url we use `http://the-internet.herokuapp.com`, press enter.
- Chrome as default browser is fine, just press enter.

Congratulations, you successfully did the necessary setup to run automated e2e tests with CodeceptJS on your local machine.

Just for the record, my current `package.json` looks like the following:

```
{
  "name": "my-auto-e2e-tests",
  "version": "1.0.0",
  "description": "",
```

```
"main": "index.js",
"scripts": {
  "test": "echo \\\"Error: no test specified\\\" && exit 1"
},
"keywords": [],
"author": "",
"license": "ISC",
"devDependencies": {
  "codeceptjs": "^2.1.3",
  "selenium-standalone": "^6.16.0",
  "webdriverio": "^5.9.2"
}
}
```