

BDD based WebUI Test Automation using NightwatchJS framework

build success

nightwatch

v1.0.19



Weekly downloads

155k+

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Nightwatch.js is an automated testing framework for web applications and websites, written in Node.js and using the [W3C WebDriver](#) API (formerly [Selenium WebDriver](#)).

It is a complete End-to-End testing solution which aims to simplify writing automated tests and setting up Continuous Integration. Nightwatch can also be used for writing Node.js unit and integration tests.

The name Nightwatch was inspired by the famous painting The Night Watch by Dutch artist Rembrandt van Rijn. The masterpiece is prominently displayed in the Rijksmuseum, in Amsterdam - The Netherlands.

Steps to run

- Clone the [repository](#).
- Run `$ npm i` command.
- Run `$ npm run test:chrome` command.
- Test execution log is as follows

```
$ npm run test:chrome
```

```
> nightwatch-bdd-example@1.0.0 test:chrome F:\nightwatch-bdd-example
```

```
> cross-env NIGHTWATCH_ENV=chrome npm test
```

```
> nightwatch-bdd-example@1.0.0 test F:\nightwatch-bdd-example
```

```
> mkdirp report && cucumber-js --require-module babel-core/register --  
require cucumber.conf.js --require step-definitions --format  
node_modules/cucumber-pretty --format json:report/cucumber_report.json
```

```
DevTools listening on ws://127.0.0.1:49887/devtools/browser/9d613e3c-6950-  
4632-b8bf-5144420bcaa4
```

```
Feature: Test OpenWeatherMap web app
```

```
Scenario: Verify the OpenWeatherMap home page elements
```

```
Given i open openweathermap home page
```

```
Then the page should open with "Current weather and forecast -  
OpenWeatherMap" title
```

```
✓ Testing if the page title equals "Current weather and forecast -  
OpenWeatherMap" - 11 ms.
```

```
And the your city name edit box should be visible
```

```
✓ Testing if element <input[placeholder="Your city name"]> is visible -  
28 ms.
```

```
And the search button should be visible
```

```
✓ Testing if element <button[@class="btn btn-orange"]> is visible -
```

32 ms.

Scenario: Verify the OpenWeatherMap search functionality with invalid city name

Given i open openweathermap home page

Then the page should open with "Current weather and forecast - OpenWeatherMap" title

✓ Testing if the page title equals "Current weather and forecast - OpenWeatherMap" - 7 ms.

When i enter "invalid city name" city name into search edit box

✓ Element `</input[@placeholder='Your city name']>` was visible after 30 milliseconds.

And i click on search button

Then the page should open with "Find - OpenWeatherMap" title

✓ Testing if the page title equals "Find - OpenWeatherMap" - 9 ms.

And the not found alert should appear

✓ Element `</*![@class='alert alert-warning']>` contains(text(),'Not found') was visible after 25 milliseconds.

✓ Testing if element `</*![@class='alert alert-warning']>` contains(text(),'Not found') is visible - 27 ms.

Scenario: Verify the OpenWeatherMap search functionality with valid city name

Given i open openweathermap home page

Then the page should open with "Current weather and forecast - OpenWeatherMap" title

✓ Testing if the page title equals "Current weather and forecast - OpenWeatherMap" - 8 ms.

When i enter "bangalore" city name into search edit box

✓ Element `</input[@placeholder='Your city name']>` was visible after 24 milliseconds.

And i click on search button

Then the page should open with "Find - OpenWeatherMap" title

✓ Testing if the page title equals "Find - OpenWeatherMap" - 9 ms.

And the "Bangalore, IN" link should appear

✓ Element `</a[contains(text(),'Bangalore, IN')]>` was visible after 28 milliseconds.

✓ Testing if element `</a[contains(text(),'Bangalore, IN')]>` is visible - 24 ms.

And the "[12.9762, 77.6033]" geo coords should appear

✓ Element `</a[contains(text(),'[12.9762, 77.6033']')>` was visible after 24 milliseconds.

✓ Testing if element `</a[contains(text(),'[12.9762, 77.6033']')>` is visible - 22 ms.

3 scenarios (3 passed)

17 steps (17 passed)

0m38.744s

Cucumber HTML report report/cucumber_report.html generated successfully.

- Test report and [link](#).

Screenshot:

