Selenium webdriver

🗎 Abstract ∨

Create a simple selenium webdriver script for browser/programming language of your choice
Step 1: Install selenium and its language binding of your choice
Step 2 : Create a simple test which launches the URL and then does a click somewhere
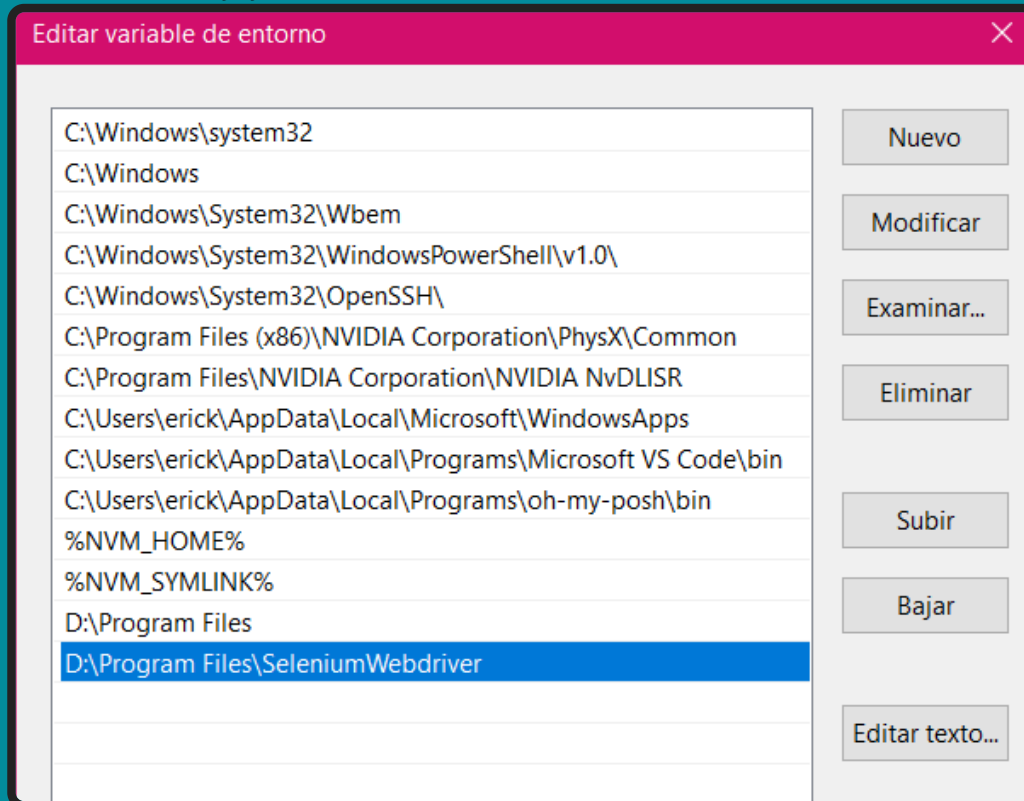
ℹ️ Installing dependencies ∨

As I chose Javascript and NodeJs to do this assignment, after initialized the node project and created the package.json, I just install selenium-webservice running

```
npm install selenium-webdriver --save
```

Also, in order to work with the browser Chrome, I downloaded a component called **chromedriver.**
I just set the path of the executable in my systems PATH

ℹ️ Code ∨

```javascript
const {Builder, By} = require('selenium-webdriver');

async function searching() {
        let driver = await new Builder().forBrowser('chrome').build();

        await driver.get('https://www.thingiverse.com/');
        await driver
        .findElement(By.className('SearchResult__searchResultItem--c4VZk'))
        .findElement(By.className('ThingCardBody__cardBodyWrapper--ba5pu'))
```

```
            .click();
        }
    searching();
```

Donde
Import the required selenium-webdriver functions:

```
    const {Builder, By} = require('selenium-webdriver');
```

It opens browser that will be used in the test and directs to the page that you want to analyze

```
        let driver = await new Builder().forBrowser('chrome').build();

        await driver.get('https://www.thingiverse.com/');
```

Detect the first page result *(they all have the same class SearchResult_searchResultItem--c4VZk)*, then it looks for the link inside *(with the ThingCardBody_cardBodyWrapper--ba5pu class)* and send a click

```
        await driver
        .findElement(By.className('SearchResult__searchResultItem--c4VZk'))
        .findElement(By.className('ThingCardBody__cardBodyWrapper--ba5pu'))
        .click();
```