

# Selenium

Selenium automates browsers. What you do with that power is up to you



# Setting up Selenium

- Include Selenium Java as a dependency in your pom.xml
- Download the appropriate Chromedriver
- Provide the location of the chromedriver
  - `System.setProperty("webdriver.chrome.driver", "C:/webdrivers/chromedriver.exe");`
- Instantiate the WebDriver
  - `WebDriver driver = new ChromeDriver();`
- Navigate to the website
  - `driver.get("http://google.com");`

# Selenium Locators

- Locators are how you actually locate elements on the page
  - Located inside of the “By” class that belongs to the Selenium WebDriver API
  - The “easy” locators (takes only a little bit of time to learn)
    - Locate by name attribute
    - Locate by id attribute
    - Locate by class attribute
    - Locate by link text (a tags)
    - Locate by partial link text (a tags)
    - Locate by tag name
  - The “hard” locators (takes a bit more time to learn)
    - XPath Locator: XPath syntax
    - CSS Locator: CSS selectors