

What is the difference between WebElement and WebDriver interface in Selenium?

Web driver Interface



Its Interface Not Class

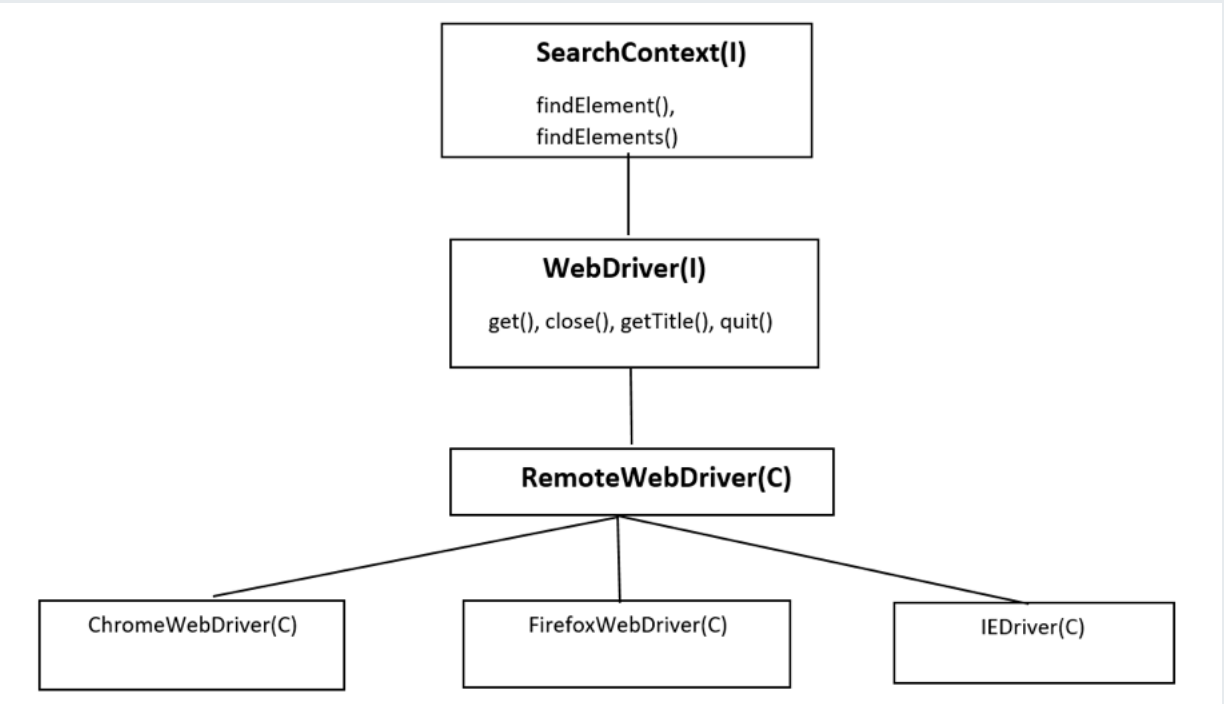
Contains lots of methods which helps to automate a web application

RemoteWebDriver class implements the WebDriver interface which is extended by browser drivers.

Multiple Browser Multiple Implementation

Problem

We need to provide a Common function which all should support



The SearchContext is a topmost interface present

It has two methods that will be the abstract as SearchContext is an interface.

The two methods are the findElement() and findElements().

The findElement() is used to find the first WebElement that matches the current context.

The findElements() method is used to find all elements within the current context. It returns all the elements that match or returns empty if nothing matches.

WebElement Interface



Its Interface Not Class

WebElement is a representation of HTML elements

To handle this elements selenium provides WebElement Interface

WebElement interface is implemented by , or

AndroidWebElement

HtmlUnitWebElement.

RemoteWebElement

Methods of WebElement

