

WEBDRIVER HIERARCHY

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****Interface has only abstract methods**

****Classes implementing a interface should implement all the methods of that particular interface**

Nested interfaces in WebDriver

WebDriver.ImeHandler
WebDriver.Navigation
WebDriver.Options
WebDriver.TargetLocator
WebDriver.Timeouts
WebDriver.Window

SearchContext(Interface)

findElement(By by):WebElement
findElements(By by):java.util.List<WebElement>

****Method(Parameter):ReturnType****

extends

WebDriver(Interface)

Refer to top right images for WebDriver methods

****WebDriver Methods**

**Webdriver Methods

● close() : void - WebDriver
● equals(Object obj) : boolean - Object
● findElement(By arg0) : WebElement - WebDriver
● findElements(By arg0) : List<WebElement> - WebDriver
● get(String arg0) : void - WebDriver
● getClass() : Class<?> - Object
● getCurrentUrl() : String - WebDriver
● getPageSource() : String - WebDriver
● getTitle() : String - WebDriver
● getWindowHandle() : String - WebDriver
● getWindowHandles() : Set<String> - WebDriver
● hashCode() : int - Object

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● manage() : Options - WebDriver
● navigate() : Navigation - WebDriver
● notify() : void - Object
● notifyAll() : void - Object
● quit() : void - WebDriver
● switchTo() : TargetLocator - WebDriver
● toString() : String - Object
● wait() : void - Object
● wait(long timeout) : void - Object
● wait(long timeout, int nanos) : void - Object

TakeScreenshot(Interface)

getScreenshotAs(OutputType<X> target):<X> X

implements

RemoteWebDriver(Class)

****FULLY IMPLEMENTED CLASS**

implements

JavascriptExecutor(Interface)

executeAsyncScript(java.lang.String script, java.lang.Object... args):java.lang.Object
executeScript(java.lang.String script, java.lang.Object... args):java.lang.Object

implements

extends

extends

extends

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SafariDriver(Class)

FirefoxDriver(Class)

ChromeDriver(Class)

InternetExplorerDriver(Class)

OperaDriver(Class)