

# ReleaseNotes

Wednesday, February 6, 2019 10:53 AM

## 2.1.1 - Current Release

- Bug Fixes
  - o CheckElementExistsReturnWebElement method does not utilize configured wait
    - Changed the way elements are searched for when AttributeText\_Contains and AttributeText\_ExactMatch are used
    - This fix could potentially enhance performance
- Update Chrome Driver from 77 to 78

## 2.1

- WebUiAutomationEnums
  - o HtmlAttributeType
    - Added "For"
- IWebDriverManager
  - o Click(SelectorData selectorData)
    - This method will now retry the click once after waiting 2 seconds after the first ElementClickInterceptedException is thrown
- WebUiAutomation
  - o Updated methods
    - ITestExecutor GetTestExecutor(string resultsPath, bool collectTestData = false)
      - Passing true will enable the built in test data collection module
      - Calling ITestExecutor.GetTestSummary() at the end of a test run will return a detailed summary of the current run
- ITestExecutor
  - o Methods Added
    - string GetTestRunSummary()
      - Returns formatted string of test results that can be written to a log file or elsewhere

## 2.0

- IWebDriverManager
  - o Updates to method summaries to align with the IWebDriver interface
  - o Updates to align with the IJavaScriptExecutor interface
    - Added Methods
      - object ExecuteScript(string script, params object[] args)
      - object ExecuteAsyncScript(string script, params object[] args)
    - Properties Added
      - IWebDriver WrappedDriver
        - ◆ This property returns the active IWebDriver object
        - ◆ This should not be utilized for testing and is provided for troubleshooting any issues found while using this package
- WebUiAutomation
  - o Methods removed
    - IJavaScriptExecutor GetJavaScriptExecutor(IWebDriverManager webDriverManager);
      - Replaced by the ExecuteScript and ExecuteScriptAsync methods on the IWebDriverManager Interface
  - o Methods moved to IWebDriverManager
    - All the methods listed below will now need to be called from the IWebDriverManager and their signatures have been updated to exclude the IWebDriverManager parameter.
    - Additionally, any method that was returning the IWebDriverManager object has been updated to void.
      - CheckChildElementExistsAndReturnIt
      - CheckElementExistsReturnCssSelector

- ❑ CheckElementExistsReturnWebElement
  - ❑ CheckElementsExist
  - ❑ ClearText
  - ❑ Click
  - ❑ DoesUrlContain
  - ❑ DoesUrlContainUsingRegex
  - ❑ GetAllElementsUsingMatchingSelectorData
  - ❑ HighlightElement
  - ❑ IsElementDisplayed
  - ❑ IsElementEnabled
  - ❑ IsElementDisplayedAndEnabled
  - ❑ JavaScriptClick
  - ❑ MoveToElement
  - ❑ SendText
  - ❑ SendTextWithDelay
  - ❑ TakeScreenShot
- Bug Fixes
  - JavaScriptClick should return the IWebDriverManager object
    - Issue resolved by moving the method onto the IWebDriverManager object now there is no need to return it
  - Failure info being logged after the closing line in the log
    - Moved the call to log failure info to the correct position

### 1.1.1

- Update Chrome Driver from 76 to 77
- Update Firefox Driver from 24 to 26
- Update IE Driver from 3.150.0 to 3.150.1

### 1.1.0

- Deprecated Methods:
  - IWebElement FindElementWithActiveDriver(SelectorData selectorData) - meant to assist in troubleshooting issues during the alpha phase
- Added Methods:
  - IWebDriverManager
    - void SwitchToFrame(SelectorData selectorData)
      - ❑ Switches the driver context to the frame matching the SelectorData provided
      - ❑ selectorData -> Object representing the frame to check
  - ILogger
    - string GetCurrentLogFileName
      - ❑ Returns the name of the failure log file currently in use
    - string GetCurrentFailureLogFileName
      - ❑ Returns the name of the failure log file currently in use

### 1.0.11-alpha

- Deprecated HtmlTree and HtmlTag as they were not useful in their current state
- Added IDomTree and IDomNode(Accessible methods outlined in the general documentation)
- Deprecated the below method:

- **List<By> GetAllByUsingMatchingSelectorData(SelectorData selectorData, IWebDriverManager webDriverManager)**
  - It had no practical usage in it's current state as the goal of this tooling was to remove the need it interact with By typed objects
- Added the below method(s)
  - **bool IsElementDisplayed(IWebDriverManager webDriverManager, SelectorData selectorData)**
    - Checks whether or not the provided element is visible(This requires IWebElement.Displayed evaluate to true)
    - selectorData -> Object representing the element to check
  - **bool IsElementEnabled(IWebDriverManager webDriverManager, SelectorData selectorData)**
    - Checks whether or not the provided element is enabled(This requires IWebElement.Enabled evaluate to true)
    - selectorData -> Object representing the element to check
  - **bool IsElementDisplayedAndEnabled(IWebDriverManager webDriverManager, SelectorData selectorData)**
    - Checks whether or not the provided element is visible(This requires IWebElement.Displayed and IWebElement.Enabled to both evaluate to true)
    - selectorData -> Object representing the element to check
  - **ReadOnlyCollection<IWebElement> GetAllElementsUsingMatchingSelectorData(SelectorData selectorData, IWebDriverManager webDriverManager)**
    - Finds and returns all elements matching the provided selector data
    - Data to check for in the current DOM instance

## 1.0.9-alpha

- Added method **bool DoesUrlContainUsingRegex(IWebDriverManager webDriverManager, string pattern)**
  - Checks whether or not the current url contains the provided pattern using regex.IsMatch
- Added method **void SetDriverOptions(ChromeOptions chromeOptions = null, FirefoxOptions firefoxOptions = null, InternetExplorerOptions internetExplorerOptions = null, EdgeOptions edgeOptions = null)**
  - Sets the options for the associated driver. If the driver is active when this method is called it will be recreated
  - If no options objects are set the default options defined on the driver will be used
- Added **method void SetFirefoxProfile(FirefoxProfile firefoxProfile)**
  - Sets the profile for the firefox driver. If the driver is active when this method is called it will be recreated.
  - If no profile object is set the default profile defined on the browser will be used

## 1.0.8-alpha

- Updated signature of the method CheckChildElementExistsAndReturnIt to take an optional parameter of int nthParentElement
  - This is meant for cases where there are identical elements that could be returned for the parent
  - It is a zero based value used to select a specific parent element and then use it for the starting point of the child search
  - The default value is -1