ReleaseNotes

Wednesday, February 6, 2019   10:53 AM

2.1.5 - Current Release

- IWebDriverManager
    - EnableDemoMode(bool setting)
        - ○ Enables or disables DemoMode. If enabled each action will be preceded by a 2 second delay
        - ○ true = on/false = off

2.1.4

- Updated Chrome Driver to current
- Updated Firefox Driver to current

2.1.1

- Bug Fixes
    - ○ CheckElementExistsReturnIWebElement 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
    - ○ HtmlAttributeType
        - ▪ Added "For"
- IWebDriverManager
    - ○ Click(SelectorData selectorData)
        - ▪ This method will now retry the click once after waiting 2 seconds after the first ElementClickInterceptedException is thrown
- WebUiAutomation
    - ○ 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
    - ○ Methods Added
        - ▪ string GetTestRunSummary()
            - □ Returns formatted string of test results that can be written to a log file or elsewhere

2.0

- IWebDriverManager
    - ○ Updates to method summaries to align with the IWebDriver interface
    - ○ 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
  - ○ Methods removed
    - ▪ IJavaScriptExecutor GetJavaScriptExecutor(IWebDriverManager webDriverManager);
      - □ Replaced by the ExecuteScript and ExecuteScriptAsync methods on the IWebDriverManager Interface
  - ○ 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
      - □ CheckElementExistsReturnIWebElement
      - □ 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> GetAllBysUsingMatchingSelectorData(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