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

    - TakeElementScreenShot(string sreenShotPath, string screenShotName, SelectorData selectorData)
        - Takes a screenshot of an element in the current browsing context and saves it in the provided path
        - The file name is in the form of "{testMethodName}_{DateTime.Now}.jpeg"
        - sreenShotPath : Path to save the screenshot to
        - screenShotName : Name of the screenshot file
        - selectorData : Element selector data to find screenshot target

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