ReleaseNotes

2.1 - Current Release

- 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