Submit

In Selenium 4 this is no longer implemented with a separate endpoint and functions by executing a script. As such, it is recommended not to use this method and to click the applicable form submission button instead.

- Click
- Send keys
- Clear
- Submit

- s Displayed
- Is Enabled
- Is Selected
- Tag Name
- Size and Position
- Get CSS Value
- Text Content

- Attributes and Properties
  - Attribute
  - DOM Attribute
  - DOM Property

```
WebElement we;
         we.clear();//1
         we.click();//2
         we.findElement(null);//3
         we.findElements(null);//4)
        we.getAccessibleName();//5
        we.getAriaRole();//6
        we.getAttribute(null);//7t
        we.getDomProperty(null);//8
        we.getLocation();//9
        we.getRect();//10
        we.getShadowRoot();//11
        we.getSize();//12
        we.getTagName();//13
        we.getText();//14
        we.isDisplayed();//15
        we.isEnabled();//16
        we.isSelected();//17
        we.sendKeys(args);//18
        we.submit();//19
        we.getDomAttribute(null);//20
        we.getCssValue(null);//21
```

Waits and Timeout

The parameters received in Timeout have switched from expecting `(long time, TimeUnit unit)` to expect `(Duration duration)`.

Before

```
driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

driver.manage().timeouts().setScriptTimeout(2, TimeUnit.MINUTES);

driver.manage().timeouts().pageLoadTimeout(10, TimeUnit.SECONDS);
```

After

```
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));

driver.manage().timeouts().scriptTimeout(Duration.ofMinutes(2));

driver.manage().timeouts().pageLoadTimeout(Duration.ofSeconds(10));
```

Waits are also expecting different parameters now. `WebDriverWait` is now expecting a `Duration` instead of a `long` for timeout in seconds and milliseconds.
The `withTimeout` and `pollingEvery` utility methods from `FluentWait` have switched from expecting `(long time, TimeUnit unit)` to expect `(Duration duration)`.

Before

```
new WebDriverWait(driver, 3)

.until(ExpectedConditions.elementToBeClickable(By.cssSelector("#id")));


Wait<WebDriver> wait = new FluentWait<WebDriver>(driver)

  .withTimeout(30, TimeUnit.SECONDS)

  .pollingEvery(5, TimeUnit.SECONDS)
  .ignoring(NoSuchElementException.class);
```

After

```
new WebDriverWait(driver, Duration.ofSeconds(3))
  .until(ExpectedConditions.elementToBeClickable(By.cssSelector("#id")));


  Wait<WebDriver> wait = new FluentWait<WebDriver>(driver)
  .withTimeout(Duration.ofSeconds(30))
  .pollingEvery(Duration.ofSeconds(5))
  .ignoring(NoSuchElementException.class);
```

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class HelloSelenium {
    public static void main(String[] args) {
        driver = new ChromeDriver();

        driver.get("https://google.com");

        driver.getTitle(); // => "Google"


driver.manage().timeouts().implicitlyWait(Duration.ofMillis(500));

        WebElement searchBox = driver.findElement(By.name("q"));
        WebElement searchButton =
driver.findElement(By.name("btnK"));

        searchBox.sendKeys("Selenium");
        searchButton.click();

        searchBox = driver.findElement(By.name("q"));
        searchBox.getAttribute("value"); // => "Selenium"
        driver.quit();
    }
}
```

```
WebDriver driver = new ChromeDriver();

  driver.get("https://selenium.dev");

  driver.getTitle(); // => "Google"

  driver.manage().timeouts().implicitlyWait(Duration.ofMillis(500));

  WebElement searchBox = driver.findElement(By.name("q"));

WebElement searchButton = driver.findElement(By.name("btnK"));

  searchBox.sendKeys("Selenium");

searchButton.click();

  driver.findElement(By.name("q")).getAttribute("value"); // => "Selenium"

  driver.quit();
```