

Create instance of WebDriver

```
from appium import webdriver

driver = None

def create_driver(desire_capabilities, remote="https://localhost:4723/wd/hub"):
    driver = webdriver.Remote(remote, desire_capabilities)
    return driver
```

Basic Locators

Locating by Accessibility ID	<code>driver.findElement(MobileBy.ACCESSIBILITY_ID("id"))</code>
Locating by Xpath	<code>driver.findElement(By.XPATH("//Cell[contains(@value, 'element')]"))</code>
Locating by Name	<code>driver.findElement(By.NAME("name"))</code>

Class MobileBy is located in **appium.webdriver.common.mobileby**.

Desire Capabilities

platformName	name of os system eg.iOS Android
platformVersion	version of os system eg, 12.0
deviceName	name of device eg. iPhone XS
app	path to application eg. Desktop/AppiumPlatformApps/aap.ipa
fullReset	True or False
udid	udid of device eg. ff73ff07591ff985ff6f815ff4d412d2ff721495

BasicWebElement method

<code>element.click()</code>	Click on web element
<code>element.text</code>	Get value from web element (STR)
<code>element.sendKeys(string)</code>	Send value to element
<code>WebDriverWait wait = new WebDriverWait(driver, 20); wait.until(ExpectedConditions.textToBePresentInElementLocated(By.Acc,"value"));</code>	Explicit Wait
<code>driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);</code>	Implicit Wait

The most important and basic method which are used to control web elements



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