

Function Recording

The following table lists the class method that is recorded into the Java/C# code for each of the Plugin functions. As a general rule – where there is an available RWD or Appium method that supports the functionality it is the recorded function. If no equivalent method is available, or the available method does not support all of the parameters the recorded function is executed by the *executeScript* method. When *executeScript* is used, it is preceded by code that seeds a parameter list with all function parameters. The **Return value** column provides information on the value that may be returned by the proprietary command executed in the *executeScript* call.

Function	RemoteWebDriver recorder	Appium recorder	Return value	Comments
Start activity	<i>executeScript</i> <i>mobile:activity:open</i>	startActivity	null	
Sync activity	<i>executeScript</i> <i>mobile:activity:sync</i>	<i>executeScript</i> <i>mobile:activity:sync</i>	null	
Run app in background	<i>executeScript</i> <i>mobile:application:back</i>	runAppInBackground	null	
Clean application	<i>executeScript</i> <i>mobile:application:clean</i>	<i>executeScript</i> <i>mobile:application:clean</i>	null	
Close application	<i>executeScript</i> <i>mobile:application:close</i>	closeApp	null	
Install application	<i>executeScript</i> <i>mobile:application:install</i>	installApp	null	
Start application	<i>executeScript</i> <i>mobile:application:open</i>	launchApp	null	
Uninstall applications	<i>executeScript</i> <i>mobile:application:reset</i>	<i>executeScript</i> <i>mobile:application:reset</i>	null	
Uninstall application	<i>executeScript</i> <i>mobile:application:uninstall</i>	removeApp	null	Appium - Recorded only if Application identifier parameter is set
Add cookie	manage().addCookie	manage().addCookie		Creates the Cookie instance prior to invoking the method
Delete cookie	manage().deleteCookieNamed	manage().deleteCookieNamed		
Delete all cookies	manage().deleteAllCookies	manage().deleteAllCookies		
Get cookie	manage().getCookieNamed	manage().getCookieNamed		
Get all cookies	manage().getAllCookies	manage().getAllCookies		
Browser clean	<i>executeScript</i> <i>mobile:browser:clean</i>	<i>executeScript</i> <i>mobile:browser:clean</i>	null	
Browser execute	<i>executeScript</i>	<i>executeScript</i>	null	Executes the user's JS script

Browser go to	get	Get		
Browser navigate	navigate	navigate		
Browser open	executeScript <i>mobile:browser:open</i>	executeScript <i>mobile:browser:open</i>	null	
Browser sync	executeScript <i>mobile:browser:sync</i>	executeScript <i>mobile:browser:sync</i>	null	
Get device location	executeScript <i>mobile:location:get</i>	location	String in the format lat,long	
Reset device location	executeScript <i>mobile:location:reset</i>	executeScript <i>mobile:location:reset</i>	null	
Set device location	executeScript <i>mobile:location:set</i>	setLocation	null	Appium - Recorded only if Lat, Long parameter is set. Address is not recorded because not supported by Appium.
Vitals start	executeScript <i>mobile:monitor:start</i>	executeScript <i>mobile:monitor:start</i>	String - map of the started vitals and their status	
Vitals stop	executeScript <i>mobile:monitor:stop</i>	executeScript <i>mobile:monitor:stop</i>	String - map of the started vitals and their status	
Inject audio	executeScript <i>mobile:audio:inject</i>	executeScript <i>mobile:audio:inject</i>	null	
Close device				Not recorded because devices not closed during the script.
Device info	executeScript <i>mobile:handset:info</i>	executeScript <i>mobile:handset:info</i>	String - the value of the device property	
Get device log	executeScript	manage().logs().get	String – the log	
Open device				Not recorded because devices not opened during the script.
Reboot device	executeScript <i>mobile:handset:reboot</i>	executeScript <i>mobile:handset:reboot</i>	null	
Recover device	executeScript <i>mobile:handset:recover</i>	executeScript <i>mobile:handset:recover</i>	null	
Rotate device	executeScript <i>mobile:handset:rotate</i>	rotate	null	Appium – Recorded only if Rotation state parameter is set
Select device				Not recorded because devices not selected during the script.
Keyboard display	executeScript <i>mobile:keyboard:display</i>	hideKeyboard	null	Appium – parameters are ignored.
Send key event	executeScript <i>mobile:key:event</i>	pressKeyCode	null	Parameter is key-code
Open notifications	executeScript <i>mobile:notifications:open</i>	openNotifications	null	
Lock screen	executeScript <i>mobile:screen:lock</i>	lockScreen	null	

Delete file	executeScript <i>mobile:media:delete</i>	executeScript <i>mobile:media:delete</i>	null	
Get file	executeScript <i>mobile:media:get</i>	pullFile	null	don't record pullFolder even if handset file contains *. The handset file must be in Appium format (start with / for device file and starts with sdcard/ for card file).
Put file	executeScript <i>mobile:media:put</i>	executeScript <i>mobile:media:put</i>	null	Not recorded as pushFile because our function gets repository file.
Get network settings	executeScript <i>mobile:network.settings:get</i>	getNetworkConnection	String – map with the connection types and status	
Set network settings	executeScript <i>mobile:network.settings:set</i>	setNetworkConnection	null	
Network virtualization start	executeScript <i>mobile:vnetwork:start</i>	executeScript <i>mobile:vnetwork:start</i>	String – vnetwork token	
Network virtualization stop	executeScript <i>mobile:vnetwork:stop</i>	executeScript <i>mobile:vnetwork:stop</i>	null	
Network virtualization update	executeScript <i>mobile:vnetwork:update</i>	executeScript <i>mobile:vnetwork:update</i>	null	
Point of interest	executeScript <i>mobile:status:event</i>	executeScript <i>mobile:status:event</i>	String – SUCCESS FAILURE	
Timer report	executeScript <i>mobile:status:timer</i>	executeScript <i>mobile:status:timer</i>	String – SUCCESS FAILURE	
Cloud call	executeScript <i>mobile:gateway:call</i>	executeScript <i>mobile:gateway:call</i>	null	
Cloud SMS	executeScript <i>mobile:gateway:sms</i>	executeScript <i>mobile:gateway:sms</i>	null	
Application.Element.Click	findElement().click	findElement().click		records switchToContext for NATIVE_APP. If By parameter supplied will use the findElement flavor
Application.Element.Find	findElements	findElements		Records switchToContext for NATIVE_APP. If By parameter supplied will use the findElement flavor
Application.Element.Info	findElement().getAttribute	findElement().getAttribute		Records switchToContext for NATIVE_APP.

				If By parameter supplied will use the findElement flavor
Application.Element.Set	findElement().sendKeys	findElement().sendKeys		Records switchToContext for NATIVE_APP. If By parameter supplied will use the findElement flavor
Application.Info	getPageSource	getPageSource		
Webpage.Element.Click	findElement().click	findElement().click		records switchToContext for WEBVIEW If By parameter supplied will use the findElement flavor
Webpage.Element.Find	findElements	findElements		records switchToContext for WEBVIEW If By parameter supplied will use the findElement flavor
Webpage.Element.Info	findElement().getAttribute	findElement().getAttribute		records switchToContext for WEBVIEW If By parameter supplied will use the findElement flavor
Webpage.Element.Set	findElement().sendKeys	findElement().sendKeys		records switchToContext for WEBVIEW If By parameter supplied will use the findElement flavor
Webpage.Info	getPageSource or getCurrentUrl or getTitle	getPageSource or getCurrentUrl or getTitle	Depends on the property	records switchToContext for WEBVIEW
Webpage.Element.Info.CSS	findElement().getCssValue	findElement().getCssValue		records switchToContext for WEBVIEW If By parameter supplied will use the findElement flavor
Button.Click(image)	executeScript <i>mobile:button-image:click</i>	executeScript <i>mobile:button-image:click</i>	null	
Button.Click(text)	executeScript <i>mobile:button-text:click</i>	executeScript <i>mobile:button-text:click</i>	null	
Edit.Get(image)	executeScript <i>mobile:edit-image:get</i>	executeScript <i>mobile:edit-image:get</i>	String – the edit text	
Edit.Get(text)	executeScript <i>mobile:edit-text:get</i>	executeScript <i>mobile:edit-text:get</i>	String – the edit text	

Edit.Set(image)	executeScript <i>mobile:edit-image:set</i>	executeScript <i>mobile:edit-image:set</i>	null	
Edit.Set(text)	executeScript <i>mobile:edit-text:set</i>	executeScript <i>mobile:edit-text:set</i>	null	
Image checkpoint	executeScript <i>mobile:checkpoint: image</i>	executeScript <i>mobile:checkpoint: image</i>	String – true/false	From ObjectSpy Check button
Text checkpoint	executeScript <i>mobile:checkpoint: text</i>	executeScript <i>mobile:checkpoint: text</i>	String – true/false	From ObjectSpy Check button
Comment	executeScript <i>mobile:comment</i>	executeScript <i>mobile:comment</i>	String – the comment	
Home	executeScript <i>mobile:handset: ready</i>	executeScript <i>mobile:handset:ready</i>	null	
Find image	executeScript <i>mobile:image:find</i>	executeScript <i>mobile:image:find</i>	String – true/false	
Select image	executeScript <i>mobile:image:select</i>	executeScript	Null	
Find text	executeScript <i>mobile:text:find</i>	executeScript <i>mobile:text:find</i>	String – true/false	
Select text	executeScript <i>mobile:text:select</i>	executeScript <i>mobile:text:select</i>	null	
Press key	executeScript <i>mobile:presskey</i>	executeScript <i>mobile:presskey</i>	null	
Screenshot	getScreenshotAs	getScreenshotAs	null	
Screen text	executeScript <i>mobile:screen:text</i>	executeScript <i>mobile:screen:text</i>	String – the screen text	
Drag	executeScript <i>mobile:touch:drag</i>	executeScript <i>mobile:touch:drag</i>	null	
Gesture	executeScript <i>mobile:touch:gesture</i>	zoom() or pinch() [based on Operation parameter]	null	Location with percent not supported
Swipe	executeScript <i>mobile:touch:swipe</i>	performTouchAction	null	Location with percent is not supported. Recorded with TouchActions and not as swipe because in our function duration is optional.
Touch	executeScript <i>mobile:touch:tap</i>	performTouchAction	null	Location with percent is not supported. Recorded with TouchActions and not as tap because in our function duration is optional.
Trackball	executeScript <i>mobile:trackball:roll</i>	executeScript <i>mobile:trackball:roll</i>	null	
Type	getKeyboard().sendKeys	getKeyboard().sendKeys	null	