

Appium/XCUITest scripts on iOS

Note: iOS 9 is now deprecated.

Perfecto supports connecting iOS10 devices in the Perfecto Lab to the *XCUITest infrastructure* or the older *UIAutomation infrastructure*. The **automationName capability** selects the underlying infrastructure and UI Element identification system to use for the Appium scripts, which can be one of the following:

- Native UI Element automation infrastructure: *UIAutomation (Appium)* or *XCUITest*
- *PerfectoMobile* proprietary infrastructure

With the configuration of iOS10 devices to indicate the automation infrastructure supported for the device, **Appium XCUITest** scripts on **iOS 10** are available only on devices using **XCUITest automation infrastructure**. This makes the use of the **automationName** capability for selection of **UIAutomation** or **XCUITest** optional. As a result, it is easier to run the same scripts across different iOS versions. The following table indicates the automation type used.

automationName value	Not set	UIAutomation	XCUITest
iOS 9 and below	UI Automation	UI Automation	UI Automation
iOS 10 – UI automation (deprecated)	UI Automation	UI Automation	UI Automation
iOS 10 and later – XCUITest	XCUITest	XCUITest	XCUITest

To connect your iOS10 devices via **XCUITest automation infrastructure**, [contact Perfecto Support](#).