



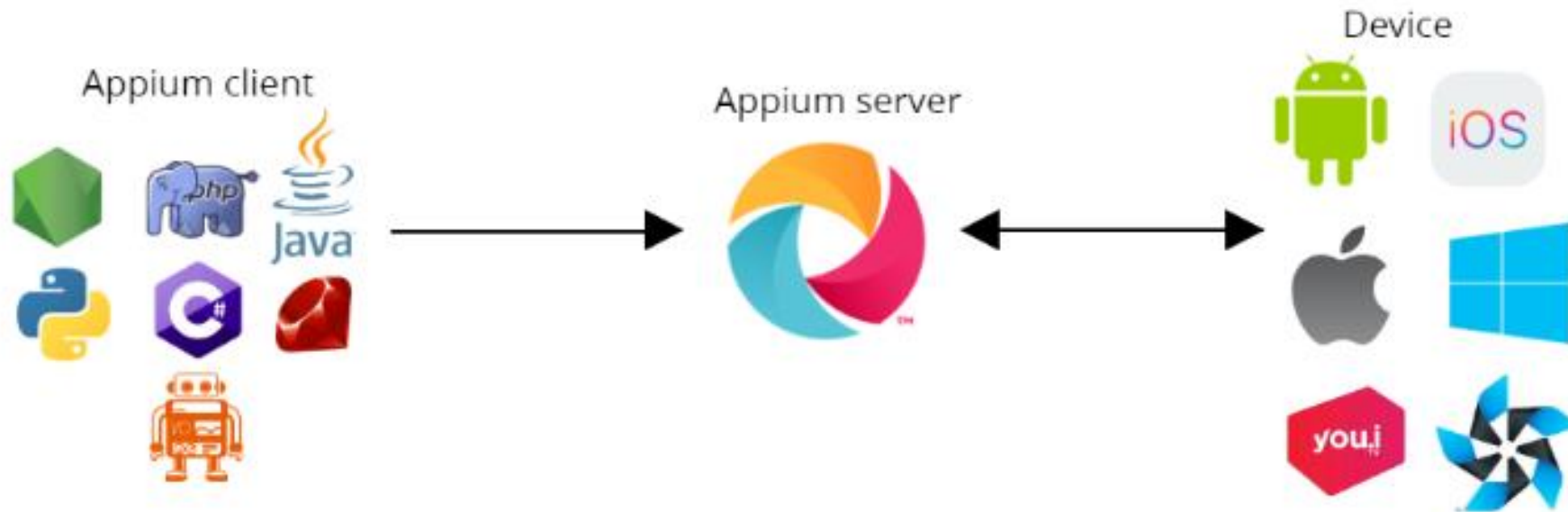
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Did You Know ...



Appium is the cross-platform, open source solution for native and hybrid mobile automation



Write your tests in any language*, using any framework.



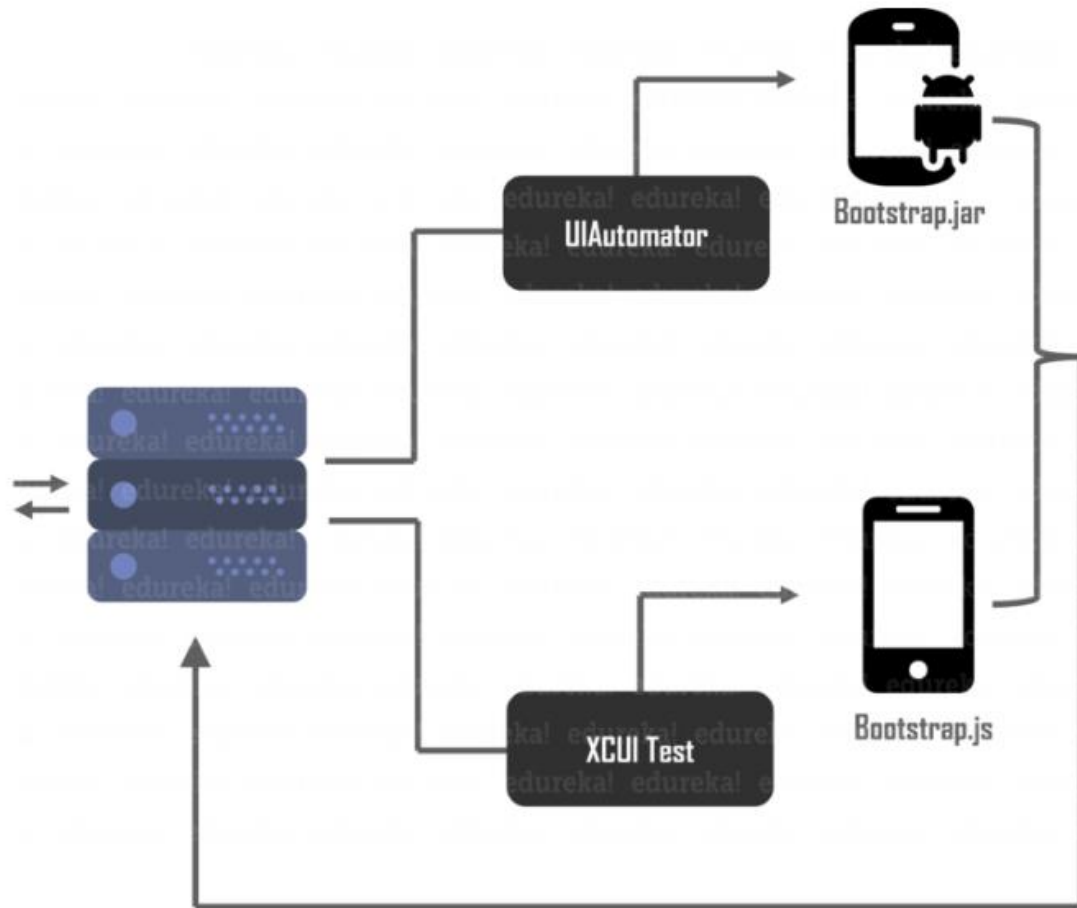
*Languages supported by Selenium WebDriver (JS, Python, C# etc.)

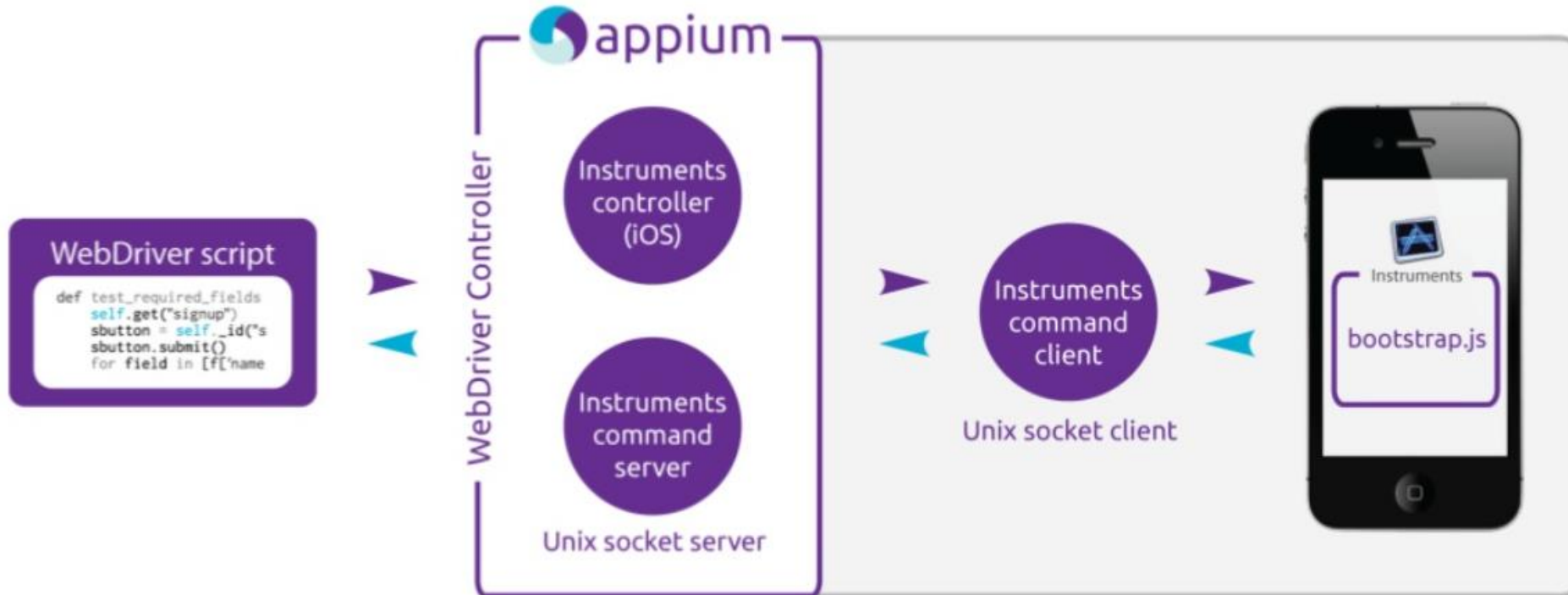
Run tests on simulator and real devices.
appium can be used test web apps on browser e.g. Chrome

appium gives you the possibility to automate and run tests over mobile web and native application on Android and iOS, desktop applications on Windows and MacOS and more.



Architecture





On iOS, appium proxies commands to a UIAutomation script running in Instruments



TEST CASE

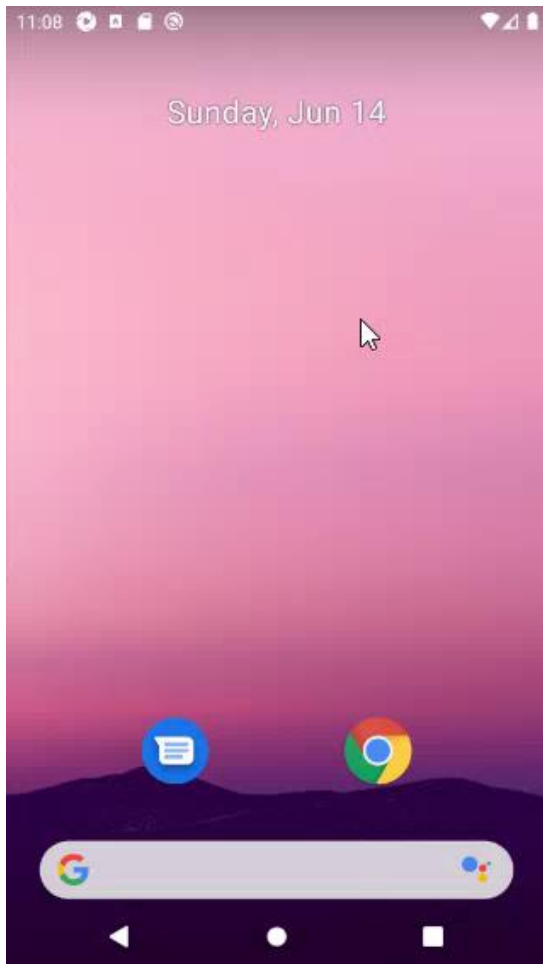


```
_tests_ > myTests.test.js > ...
1  import wd from 'wd';
2  jasmine.DEFAULT_TIMEOUT_INTERVAL = 60000;
3  const PORT = 4723;
4  const config = {
5    platformName: 'Android',
6    deviceName: 'emulator-5554',
7    app: 'E:/appiumtesting/android/app/build/outputs/apk/debug/app-debug.apk'};
8  const driver = wd.promiseChainRemote('localhost', PORT);
9
10 beforeAll(async () => {
11   await driver.init(config);
12   await driver.sleep(3000);
13   }) // Sometime for the app to load
14
15
16 test('Insert Text', async()=>{
17   expect(await driver.hasElementByAccessibilityId("field_input")).toBe(true);
18   const element = await driver.elementByAccessibilityId("field_input").type('Sample Text')
19   })
20
21 test('Click Button', async () => {
22   expect(await driver.hasElementByAccessibilityId("alertButton")).toBe(true);
23   const element = await driver.elementByAccessibilityId("alertButton")
24   await element.click()
25   });
26
```

appium starts a "test case" on the device that spawns a server and listens for proxied commands



DEMO



```
PS E:\appiumtesting> yarn test
yarn run v1.22.0
warning ..\package.json: No license field
$ jest
RUNS  __tests__/myTests.test.js
```

