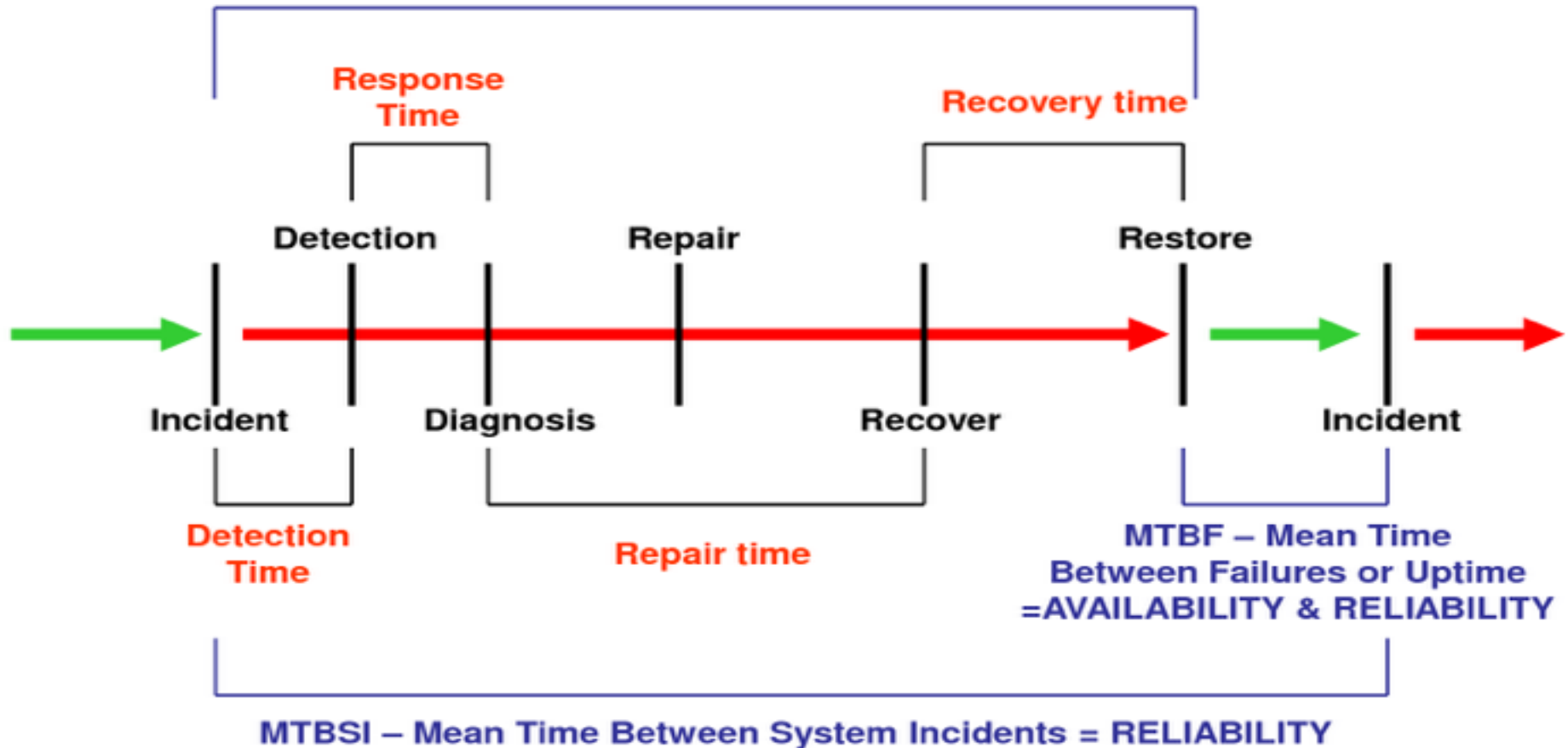


1. FOCUS ON MEAN TIME TO RECOVERY

Expanded Incident Lifecycle

MTTR - Mean Time To Repair or downtime
= MAINTAINABILITY



6. FRONT END INSTRUMENTATION

RUM 101

Real User Measurement (RUM) is a technology for collecting performance metrics directly from the browser of an end user.

- Involves instrumentation of the page with JavaScript
- Measurements are fired across the network to a collection point through a small request object (beacon)



53. APPIUM



Automation for Apps

Appium is an open source test automation framework for use with native, hybrid and mobile web apps. It drives iOS and Android apps using the WebDriver protocol.

FEATURE

Solve Problem: Mobile app functional automation test

Support devices: iOS, Android, Firefox OS

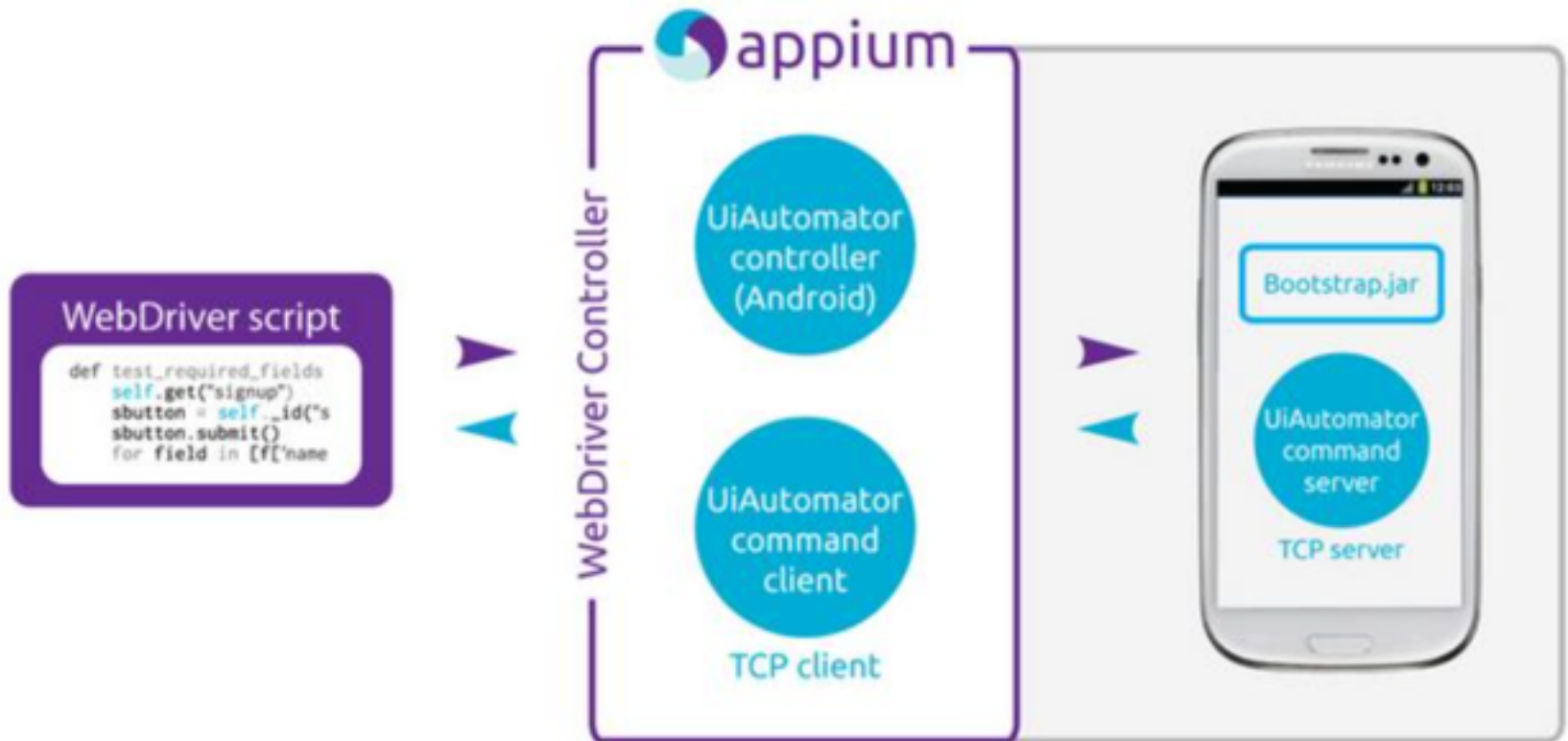
App type: Native, Mobile Web, Hybrid

All in One!

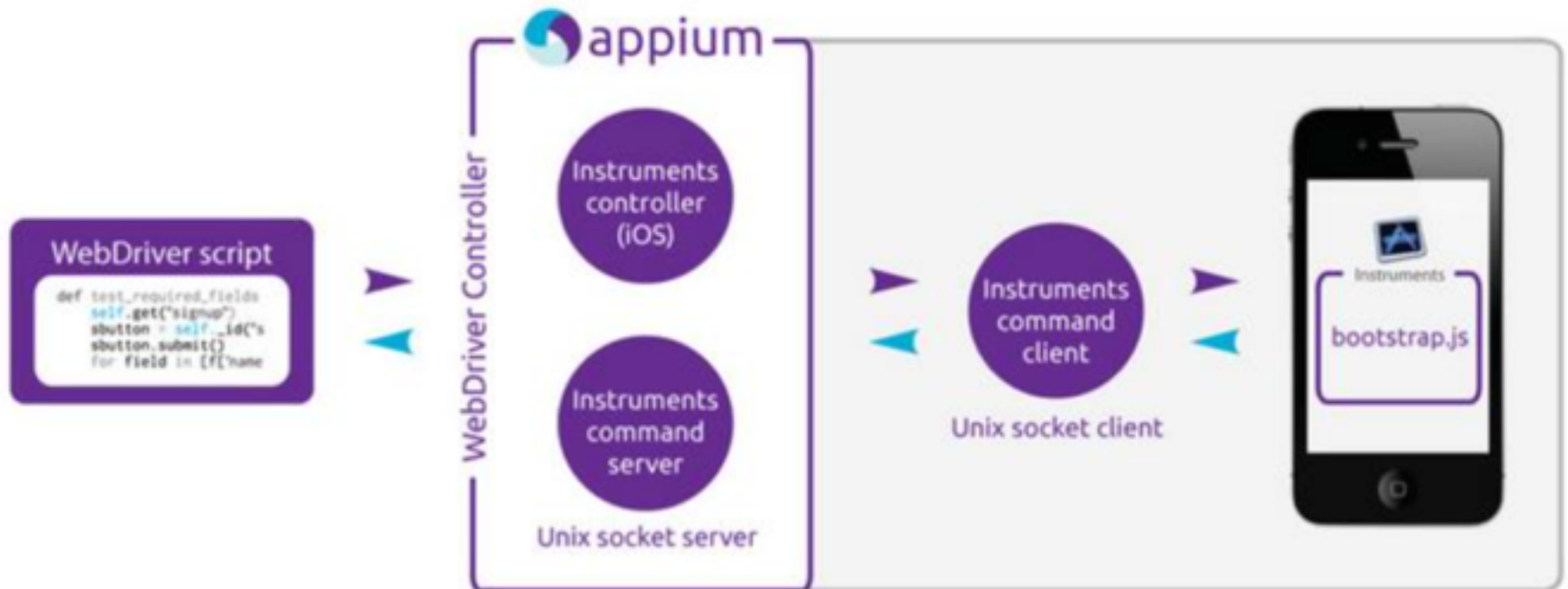
Deploy on: Mac OS, Windows, Linux

Charge? Open-source/Cloud

ARCHITECTURE – ANDROID



ARCHITECTURE - IOS



SCRIPT ARCHITECTURE

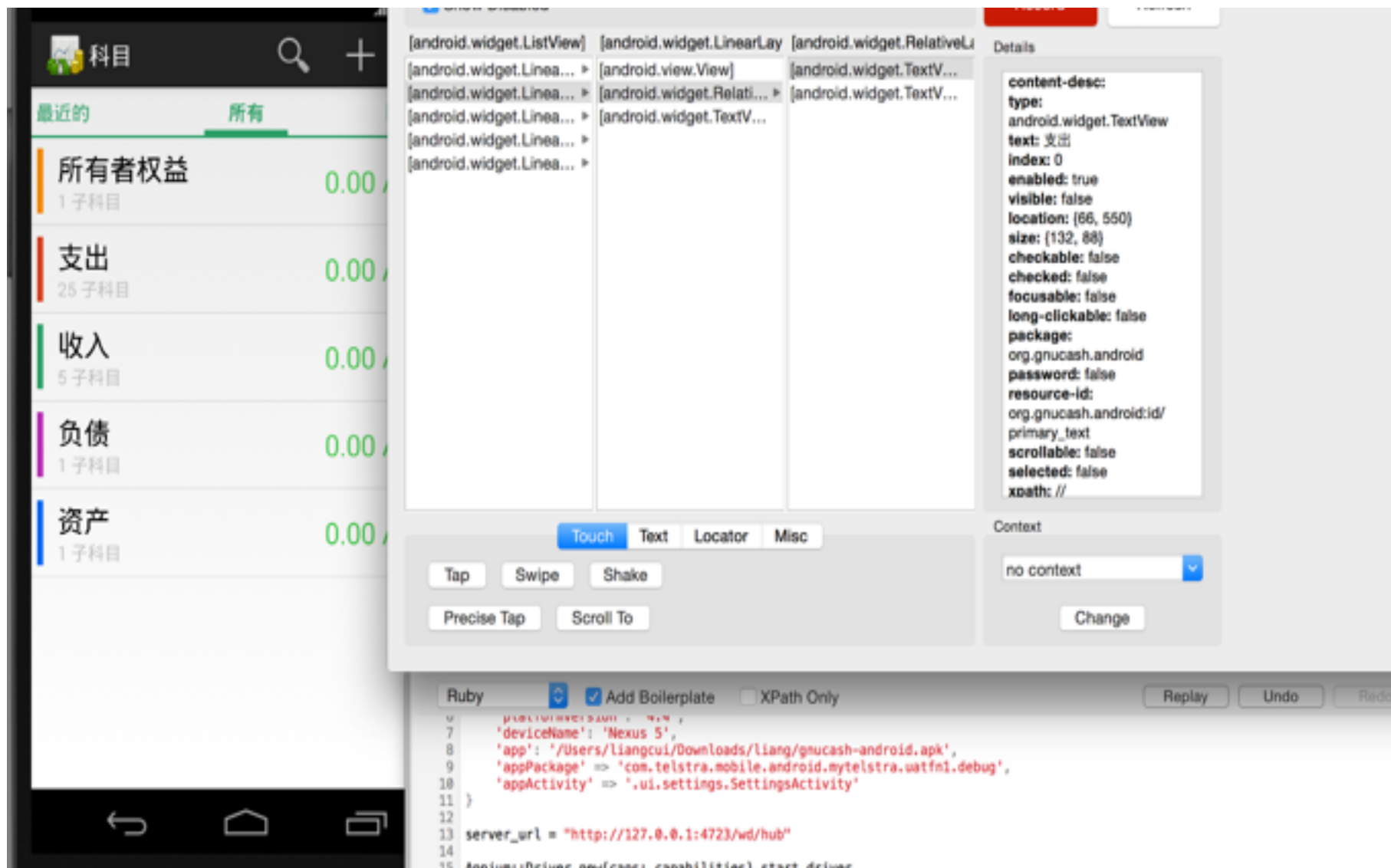
```
desired_caps = {
    caps: {
        platformName: 'iOS',
        versionNumber: '8.0',
        deviceName: 'iPhone 5s',
        app: APP_PATH,
    },
    appium_lib: {
        sauce_username: nil, # don't run on Sauce
        sauce_access_key: nil
    }
}

# Start the driver
Appium::Driver.new(desired_caps).start_driver

module Calculator
  module IOS
    # Add all the Appium library methods to Test to make
    # calling them look nicer.
    Appium.promote_singleton_appium_methods Calculator

    # Add two numbers
    values = [rand(10), rand(10)]
```

INSPECTOR



59. GENYMOTION



A **faster** Android emulator

Genymotion is the next generation of the AndroVM open source project, already trusted by 2,500,000 developers. It's even easier to use and offers lots more features.

[Get Genymotion](#)

