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Appium环境安装

Appium、Appium-desktop、Appium Client的区别

Appium:是appium体系的核心，因为它本身也是一个web接口服务，所以也会被成为appium server

Appium-desktop:是为了让Appium能够更好用，让小白入门更容易，让调试和界面分析更方便，它

Appium Client:Appium只是一个web接口，他接受http请求，所以各个语言都可以自己封装发送

Language/Framework	Github Repo and Installation Instructions
Ruby	https://github.com/appium/ruby_lib , https://github.com/appium/ruby_lib_core
Python	https://github.com/appium/python-client
Java	https://github.com/appium/java-client
JavaScript (Node.js)	https://github.com/admc/wd
JavaScript (Node.js)	https://github.com/webdriverio/webdriverio
JavaScript (Browser)	https://github.com/projectxyzio/web2driver
Objective C	https://github.com/appium/selenium-objective-c

PHP	https://github.com/appium/php-client
C# (.NET)	https://github.com/appium/appium-dotnet-driver
RobotFramework	https://github.com/jollychang/robotframework-appiumlibrary

Appium的安装(Mac版)

安装前检查

```
#查看是否已安装以下软件
#查看java环境是否安装
java -version
#查看git是否安装
git --version
#查看ruby是否安装
ruby -v
#查看brew是否安装
brew -v
#如果不存在brew，需要执行
ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/homebrew/go/install)"
#查看android-sdk是否安装
adb
```

安装nodejs

```
#通过brew安装node
brew install node
#检查node、npm版本
node -v
npm -v
```

安装appium

方式一:npm方式安装(官方安装)

#通过node直接进行安装,此方式极易出现网络超时等异常,不推荐

```
npm install -g appium
```

方式二:cnpm方式安装(推荐)

切换淘宝NPM镜像

#什么是淘宝源镜像?

这是一个完整 `npmjs.org` 镜像,你可以用此代替官方版本(只读),同步频率目前为 **10分钟** 一次

#为什么选择淘宝npm镜像

由于node安装插件是从国外服务器下载,受网络影响大,速度慢且可能出现异常。所以如果npm的

#淘宝源安装命令

```
npm install -g cnpm --registry=https://registry.npm.taobao.org
```

#通过淘宝源的npm镜像安装,安装的时间可能稍微有些长,需要耐心等待

```
cnpm install -g appium
```

#安装完成检验下

```
appium -v
```

#整体检查appium环境是否安装成功,需要先通过cnpm 安装appium-doctor,然后执行appium-doctor

```
cnpm install -g appium-doctor
```

```
appium-doctor
```

```
naruto:~$ appium-doctor
Appium Doctor v.1.4.3
Info AppiumDoctor ### Diagnostic starting ###
(node:4345) [DEP0005] DeprecationWarning: Buffer() is deprecated due to security and usability issues. Please use the Buffer.alloc()
, Buffer.allocUnsafe(), or Buffer.from() methods instead.
Info AppiumDoctor ✓ The Node.js binary was found at: /usr/local/bin/node
Info AppiumDoctor ✓ Node version is 10.1.0
Info AppiumDoctor ✓ Xcode is installed at: /Applications/Xcode.app/Contents/Developer
Info AppiumDoctor ✓ Xcode Command Line Tools are installed.
Info AppiumDoctor ✓ DevToolsSecurity is enabled.
Info AppiumDoctor ✓ The Authorization DB is set up properly.
Info AppiumDoctor ✓ Carthage was found at: /usr/local/bin/carthage
Info AppiumDoctor ✓ HOME is set to: /Users/naruto0728
Info AppiumDoctor ✓ ANDROID_HOME is set to: /Users/naruto0728/Library/Android/sdk
Info AppiumDoctor ✓ JAVA_HOME is set to: /Library/Java/JavaVirtualMachines/jdk1.8.0_162.jdk/Contents/Home
Info AppiumDoctor ✓ adb exists at: /Users/naruto0728/Library/Android/sdk/platform-tools/adb
Info AppiumDoctor ✓ android exists at: /Users/naruto0728/Library/Android/sdk/tools/android
Info AppiumDoctor ✓ emulator exists at: /Users/naruto0728/Library/Android/sdk/tools/emulator
Info AppiumDoctor ✓ Bin directory of $JAVA_HOME is set
Info AppiumDoctor ### Diagnostic completed, no fix needed. ###
Info AppiumDoctor Everything looks good, bye!
Info AppiumDoctor
```

Appium的安装(Windows版)

安装前检查

```
#jdk是否安装
java -version
#android sdk 是否安装
adb
```

nodejs安装

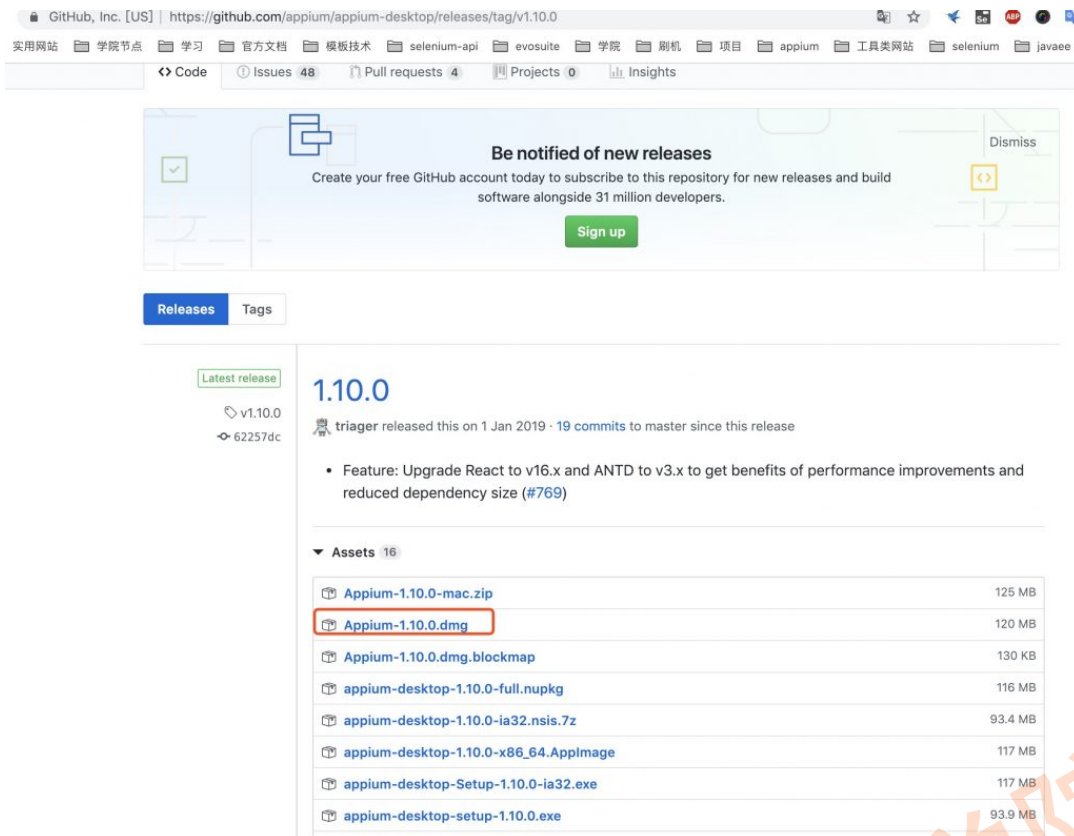
1. 下载地址：<https://nodejs.org/zh-cn/download/>
选取win对应的.msi进行下载
2. 下载完成，进行安装。一路下一步
3. 安装完成在Path变量下配置C:\Program Files\nodejs\;(Ps:此处为对应node安装的路径)
4. 检查node环境,分别检查node -v npm -v

Appium环境安装

安装步骤同mac。推荐淘宝源镜像方式安装appium

Appium-desktop的安装

```
#首先去官网下载dmg文件
官网地址:https://github.com/appium/appium-desktop/releases/tag/v1.10.0
#下载完成双击dmg文件进行安装即可
```



Appium Client(Java&Python)

#java版导入相关pom依赖即可

```
<dependency>
```

```
  <groupId>io.appium</groupId>
```

```
  <artifactId>java-client</artifactId>
```

```
  <version>7.0.0</version>
```

```
</dependency>
```

#python版需要执行 `pip install Appium-Python-Client`

相关链接

霍格沃兹测试学院官网首页:<https://testing-studio.com>

Appium官网:<http://appium.io/>

Appium Client相关文档:<https://github.com/appium/appium/blob/master/docs/en/about-appium/appium-clients.md>

brew官网:<https://brew.sh/>

node官网:<https://nodejs.org/zh-cn/>

淘宝源NPM官网:<https://npm.taobao.org/>

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