**Setting up Appium on MAC**

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1. **Java JDK**
   1. set the environment variables.
   2. JAVA\_HOME -> C:\Program Files\Java\jdk1.8.0\_121
   3. PATH->C:\Program Files\Java\jdk1.8.0\_121\bin
2. **Install Xcode(developer tool)**
   1. Its a IDE to develop apps on iOS
   2. From this we can get Virtual Simulators
   3. Check Simulator Version Xcode->window->Devices
   4. MAC Version and iOS Version can be found there
3. **Configure Virtual device – NOT required already present in xcode**
4. **Configuring APP**
   1. Download the app from <https://github.com/appium/ios-uicatalog>
   2. Unzip and open the xcodeproject
   3. Select the device (Simulator)
   4. Run the app -> it will build and deploy the app in the device
   5. **App file**
5. **Installing with node.js**
   1. Check node is installed - > cmd->type node –version ->
   2. Check npm-> npm –version
   3. We can download from mac installer or go down and see the instruction to install from command prompt.
   4. If not installed ->google->download-node.js-> go to MAC installer
      1. [https://nodejs.org/en/download/](https://www.youtube.com/redirect?v=x-hBpgM5je8&event=video_description&redir_token=b-eFvDByvnJ74J9kFCwSzQbGOyJ8MTU3OTE4MjQxNEAxNTc5MDk2MDE0&q=https%3A%2F%2Fnodejs.org%2Fen%2Fdownload%2F)

Or

<http://appium.io/> go down and see the instruction

* + 1. <https://brew.sh/> -
    2. brew install node
  1. Check if node.js and npm are installed now - > which node which npm
  2. Install Appium with node.js - > npm install –g appium

OR

1. **Installing appium with APPIUM DESKTOP CLIENT**
   1. Step 1 : Download appium desktop client
      1. [http://appium.io/](https://www.youtube.com/redirect?v=x-hBpgM5je8&event=video_description&redir_token=b-eFvDByvnJ74J9kFCwSzQbGOyJ8MTU3OTE4MjQxNEAxNTc5MDk2MDE0&q=http%3A%2F%2Fappium.io%2F)
      2. [https://github.com/appium/appium-desk...](https://www.youtube.com/redirect?v=x-hBpgM5je8&event=video_description&redir_token=b-eFvDByvnJ74J9kFCwSzQbGOyJ8MTU3OTE4MjQxNEAxNTc5MDk2MDE0&q=https%3A%2F%2Fgithub.com%2Fappium%2Fappium-desktop%2Freleases%2Ftag%2Fv1.8.2)
   2. Step 2 : Install appium desktop client Step
   3. 3 : Start appium through appium desktop client (*google for Appium doctoer)*
2. **To check appium installation & dependencies**
   1. <https://www.npmjs.com/package/appium-doctor>
   2. [https://github.com/appium/appium-doctor](https://www.youtube.com/redirect?v=7APcLr-cBM8&redir_token=b2ZsZ-1ri0w2cV8q2JUp455zGax8MTU3OTE4NDgzMUAxNTc5MDk4NDMx&event=video_description&q=https%3A%2F%2Fgithub.com%2Fappium%2Fappium-doctor)

Google ->Install appium-doctor

* 1. [https://github.com/appium/appium-doctor](https://www.youtube.com/redirect?v=x-hBpgM5je8&event=video_description&redir_token=b-eFvDByvnJ74J9kFCwSzQbGOyJ8MTU3OTE4MjQxNEAxNTc5MDk2MDE0&q=https%3A%2F%2Fgithub.com%2Fappium%2Fappium-doctor)
  2. npm install appium-doctor -g
  3. appium-doctor -h
  4. appium-doctor --android

1. **Download Appium Client:**
   1. go to the official website - http://appium.io/downloads.html
   2. go to selenium official website and download selenium jar files
2. **configure your eclipse project**

**NOTE:**

**1.** **Demo APP :**

<https://github.com/appium/ios-uicatalog>