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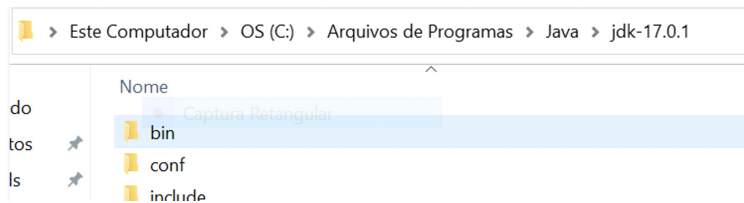
# Engenheiro de Qualidade de Software

# Links úteis

- Página oficial WebdriverIO - <https://webdriver.io/>
- Página oficial Appium - <http://appium.io/>
- Página oficial Browserstack - <https://www.browserstack.com/>
- Seletores Mobile WebdriverIO - <https://webdriver.io/docs/selectors#mobile-selectors>
- Seletores Mobile Appium - <https://appium.io/docs/en/commands/element/find-elements/>
- Seletores Nativos Android - <https://developer.android.com/reference/androidx/test/uiautomator/UiSelector>
- Seletores Nativos / Predicados iOS - <https://developer.apple.com/documentation/foundation/nspredicate>
- Palestras do AppiumConf 2021 - <https://www.youtube.com/hashtag/appiumconf2021>
- AWS Device Farm - [https://docs.aws.amazon.com/pt\\_br/devicefarm/latest/developerguide/welcome.html](https://docs.aws.amazon.com/pt_br/devicefarm/latest/developerguide/welcome.html)
- Sauce Labs - <https://saucelabs.com/>

# Setup em ambientes **Windows**

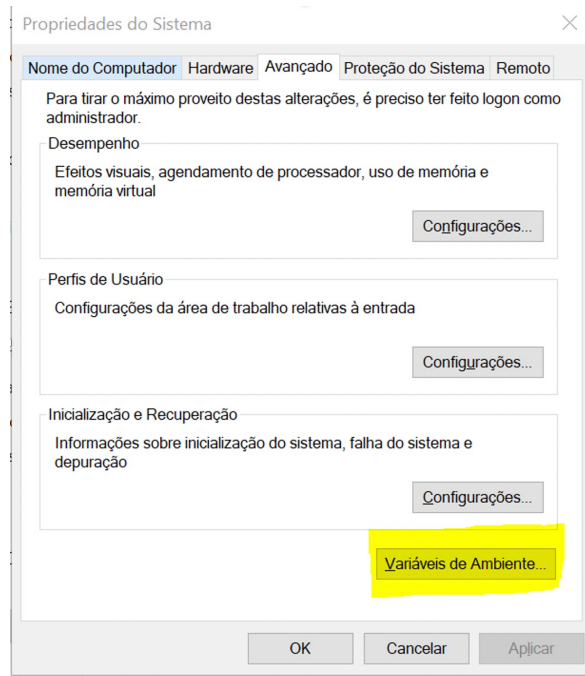
- Baixe a versão mais atual do Java JDK aqui:  
<https://www.oracle.com/java/technologies/downloads>
- Faça a instalação do Java JDK.
- Baixe o Android Studio, pois através dele teremos acesso ao SDK:  
[https://developer.android.com/studio?hl=pt&gclid=Cj0KCQiA5OuNBhCRARIsACgaiqUJIV\\_vJQs2hoGx3TzoZ1UVMgn1CeYQmmDG7xM5IlotyEHkZL\\_Krt4kaAkgDEALw\\_wcB&gclsrc=aw.ds#downloads](https://developer.android.com/studio?hl=pt&gclid=Cj0KCQiA5OuNBhCRARIsACgaiqUJIV_vJQs2hoGx3TzoZ1UVMgn1CeYQmmDG7xM5IlotyEHkZL_Krt4kaAkgDEALw_wcB&gclsrc=aw.ds#downloads)
- Faça a instalação do Android SDK
- Acesse a pasta onde o Java foi instalado e copie o caminho



# Setup em ambientes **Windows**

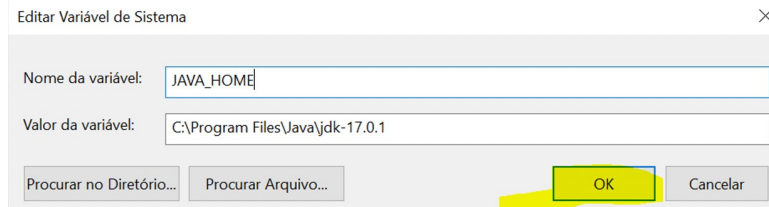
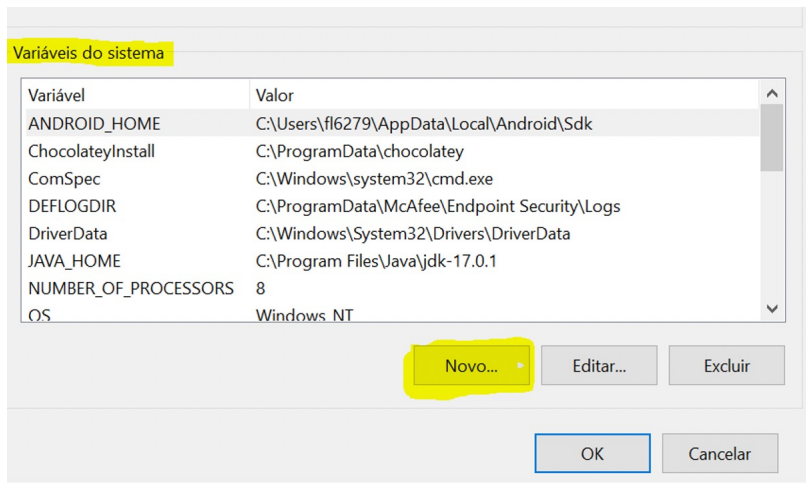
- Abra a pesquisa do windows e digite variáveis de ambiente e clique no resultado **"Editar variáveis de ambiente"** (ou pressione as teclas *Windows+Pause*)

Clique na opção **"Variáveis de Ambiente"** (ou *Environment Variables*)



# Setup em ambientes Windows

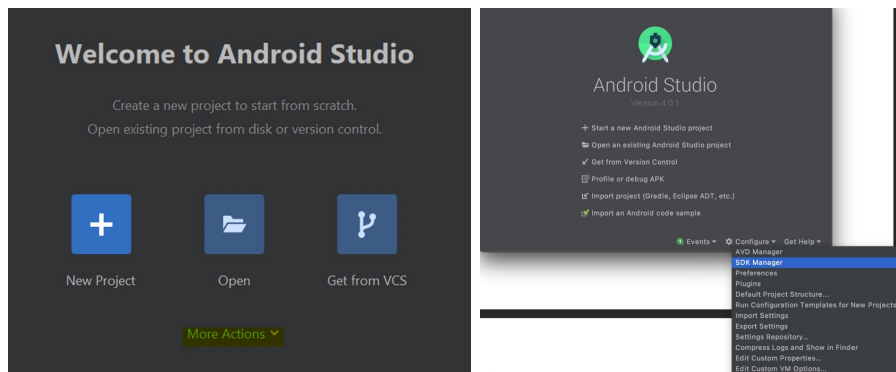
- Clique em **Novo (New)** para adicionar uma nova variável de ambiente



- Em "**Nome da variável**" informe o valor **JAVA\_HOME**
- Em "**Valor da variável**" cole o caminho para a instalação da JDK que você copiou anteriormente
- Clique em **OK** para confirmar a alteração

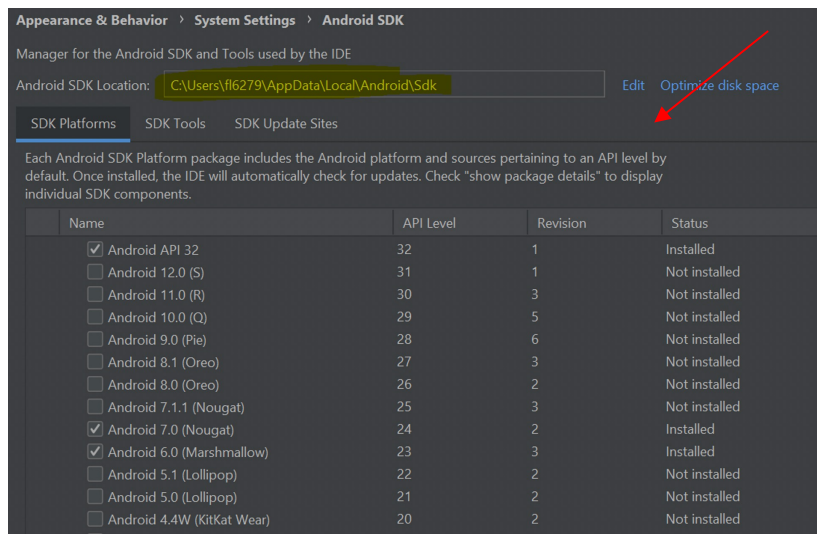
# Setup em ambientes Windows

- Vamos repetir o processo para a inclusão da variável **ANDROID\_HOME**:
- Abra o **Android Studio**
- Acesse a opção *Mais ações* (dependendo da versão pode também estar em “More actions” ou “Configure”) e clique em **SDK Manager**



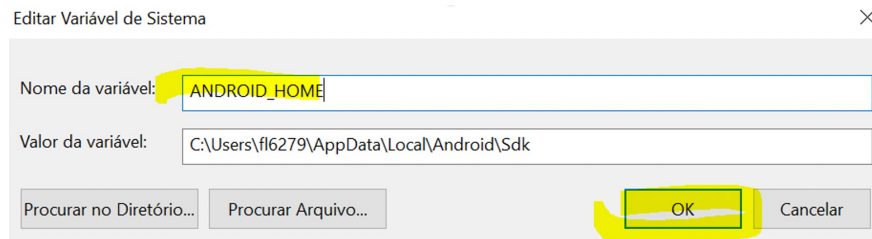
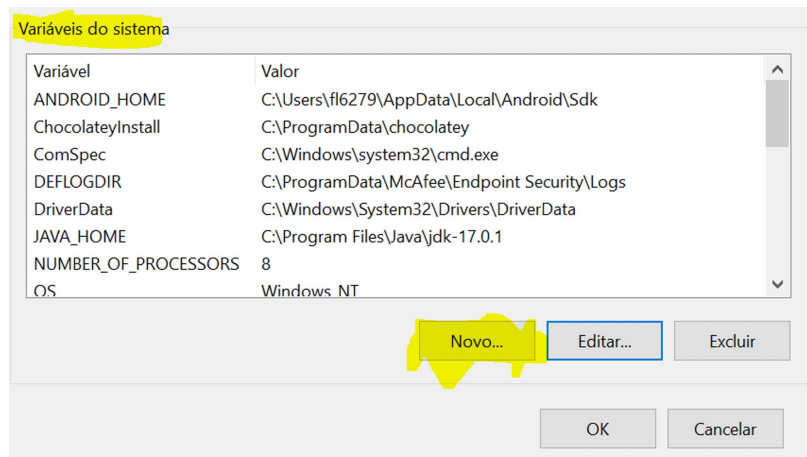
# Setup em ambientes Windows

● Copie o caminho para o Android SDK Créditos



# Setup em ambientes Windows

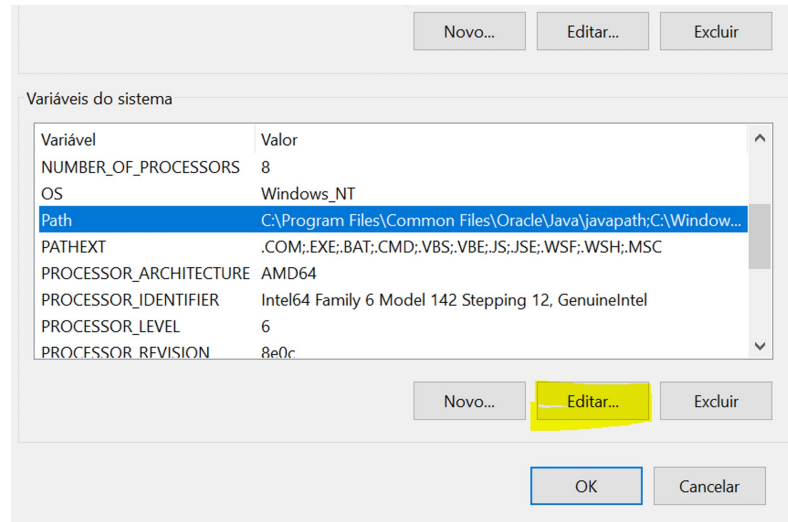
● Crie a variável **ANDROID\_HOME** nas variáveis de ambiente do Windows





# Setup em ambientes Windows

- Agora vamos incluir as aplicações que instalamos no **PATH** do windows, para que possamos executar via terminal.
- Encontre a variável de ambiente **"Path"**, selecione e clique na opção **"Editar"**.

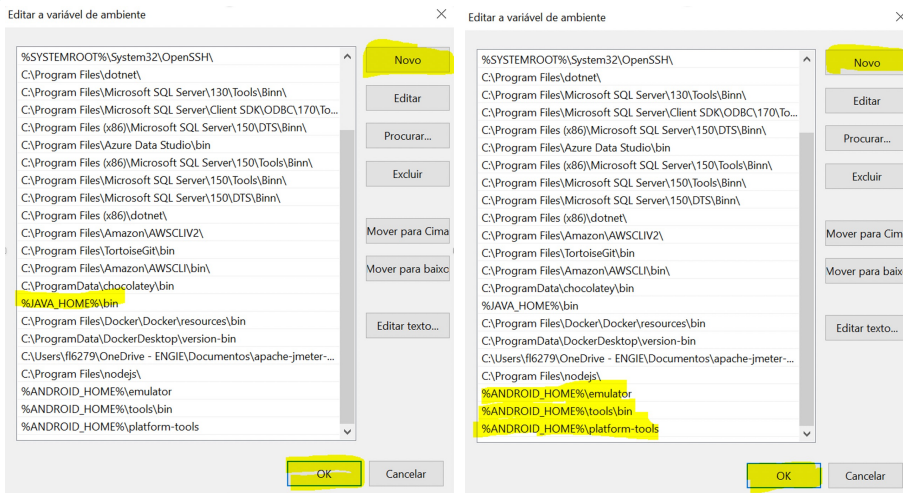


# Setup em ambientes Windows

- Inclua (ou verifique se já existe) os seguintes valores:

%JAVA\_HOME%\bin %  
ANDROID\_HOME%\emulator %ANDROID\_HOME%\tools\bin  
%ANDROID\_HOME%\platform-tools

- Clique em **OK** para confirmar as alterações



# Setup em ambientes Windows

- Não esqueça de baixar e instalar o NodeJS (caso sua máquina ainda não possua).  
Baixe em <https://nodejs.org/en/download/>
- Abra um novo terminal
- Instale o **Appium-doctor** com o comando “**npm install -g appium-doctor**”
- Execute o comando **appium-doctor** para verificar se suas configurações estão ok.

```
ernestobarbosa at MB-004032 in ~  
$ appium-doctor  
info AppiumDoctor Appium Doctor v.1.16.0  
info AppiumDoctor ### Diagnostic for necessary dependencies starting ###  
info AppiumDoctor ✓ The Node.js binary was found at: /usr/local/bin/node  
info AppiumDoctor ✓ Node version is 14.15.0  
WARN AppiumDoctor ✗ Error running xcrun simctl  
info AppiumDoctor ✓ Xcode Command Line Tools are installed in: /Applications/Xcode.app/Contents/Developer  
info AppiumDoctor ✓ DevToolsSecurity is enabled.  
info AppiumDoctor ✓ The Authorization DB is set up properly.  
info AppiumDoctor ✓ Carthage was found at: /usr/local/bin/carthage. Installed version is: 0.36.0  
info AppiumDoctor ✓ HOME is set to: /Users/ernestobarbosa  
info AppiumDoctor ✓ ANDROID_HOME is set to: /Users/ernestobarbosa/Library/Android/sdk  
info AppiumDoctor ✓ JAVA_HOME is set to: /Library/Java/JavaVirtualMachines/jdk-11.0.11.jdk/Contents/Home  
info AppiumDoctor Checking adb, android, emulator  
info AppiumDoctor 'adb' is in /Users/ernestobarbosa/Library/Android/sdk/platform-tools/adb  
info AppiumDoctor 'android' is in /Users/ernestobarbosa/Library/Android/sdk/tools/android  
info AppiumDoctor 'emulator' is in /Users/ernestobarbosa/Library/Android/sdk/emulator/emulator  
info AppiumDoctor ✓ adb, android, emulator exist: /Users/ernestobarbosa/Library/Android/sdk  
info AppiumDoctor ✓ 'bin' subfolder exists under '/Library/Java/JavaVirtualMachines/jdk-11.0.11.jdk/Contents/Home'  
info AppiumDoctor ### Diagnostic for necessary dependencies completed, one fix needed. ###  
info AppiumDoctor ### Diagnostic for optional dependencies starting ###  
info AppiumDoctor ✓ opencv4nodejs is installed at: /Users/ernestobarbosa/.npm-global/lib. Installed version is: 5.5.0
```