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|  | **For Windows** | **For Linux (Ubuntu)** |
| 1 | **JDK Installation (Eg:jdk1.7.0\_07):**  **JAVA\_HOME:** C:\Program Files\Java\jdk1.7.0\_07  **Path:** C:\Program Files\Java\jdk1.7.0\_07 | **JDK Installation (Eg: jdk1.8.0):**  **$ gedit ~/.barsrc [edit this file and put the changes]**  **export JAVA\_HOME=**/usr/local/java/jdk1.8.0  **export PATH=**$PATH:$JAVA\_HOME/bin |
| 2 | **Install Ruby (Eg: ruby 1.9.3p392 ) with DEV KIT (Eg: DevKit-tdm-32-4.5.2-20111229-1559-sfx):**  Path will be set automatically when installing ruby. | **Install ruby using RVM, no need to set the path.** |
| 3 | **Install Android SDK:**  **ANDROID\_HOME:** C:\Users\xxx\android-sdks  **Path:** C:\Users\xxx\android-sdks\platform-tools | **Install Android SDK:**  **$ gedit ~/.barsrc [edit this file and put the changes]**  **export ANDROID\_HOME=**/home/xxx/dev/adt-bundle-linux/sdk  **export PATH=$PATH:**$ANDROID\_HOME/tools  **export PATH=$PATH:**$ANDROID\_HOME/platform-tools |
| 4 | Start **SDK Manager.exe** and select API level you want.  Start **AVD Manager.exe** create an android virtual device and launch it. | Start **SDK Manager (~/dev/adt-bundle-linux/sdk/tools$ ./android)** and select API level you want.  Start **AVD Manager ($ android avd)** create an android virtual device and launch it. |
|  | **Install calabash:**  **gem install calabash-android** | **Install calabash:**  **gem install calabash-android** |
| 5 | **calabash-android gen:**  Run the command 'calabash-android gen' It will create a Cucumber skeleton in the current folder.  Eg:  **features**  **|\_support**  **| |\_app\_installation\_hooks.rb**  **| |\_app\_life\_cycle\_hooks.rb**  **| |\_env.rb**  **|\_step\_definitions**  **| |\_calabash\_steps.rb**  **|\_my\_first.feature** | **calabash-android gen:**  Run the command 'calabash-android gen' It will create a Cucumber skeleton in the current folder.  Eg:  **features**  **|\_support**  **| |\_app\_installation\_hooks.rb**  **| |\_app\_life\_cycle\_hooks.rb**  **| |\_env.rb**  **|\_step\_definitions**  **| |\_calabash\_steps.rb**  **|\_my\_first.feature** |
| 6 | **Before running the apk file need to Create a debug keystore first. (Run it from Command Prompt)**  keytool -genkey -v -sigalg MD5withRSA -keysize 1024 -keyalg RSA -keystore ~/.android/debug.keystore -storepass android -alias androiddebugkey -keypass android  Will be store in [c:\users\xxx\.android\debug.keystore] | **Before running the apk file need to Create a debug keystore first. (Run it from Command Prompt)**  keytool -genkey -v -sigalg MD5withRSA -keysize 1024 -keyalg RSA -keystore ~/.android/debug.keystore -storepass android -alias androiddebugkey -keypass android  Will be store in [Storing /home/xxx/.android/debug.keystore] |
| 7 | **First need to resign the apk file:**  Calabash-android resign xxx.apk  **Note -** Your Feature folder and apk file should be in same folder. | **First need to resign the apk file:**  Calabash-android resign xxx.apk  **Note -** Your Feature folder and apk file should be in same folder. |
| 8 | **Run the apk file:**  Calabash-android run xxx.apk | **Run the apk file:**  Calabash-android run xxx.apk |
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