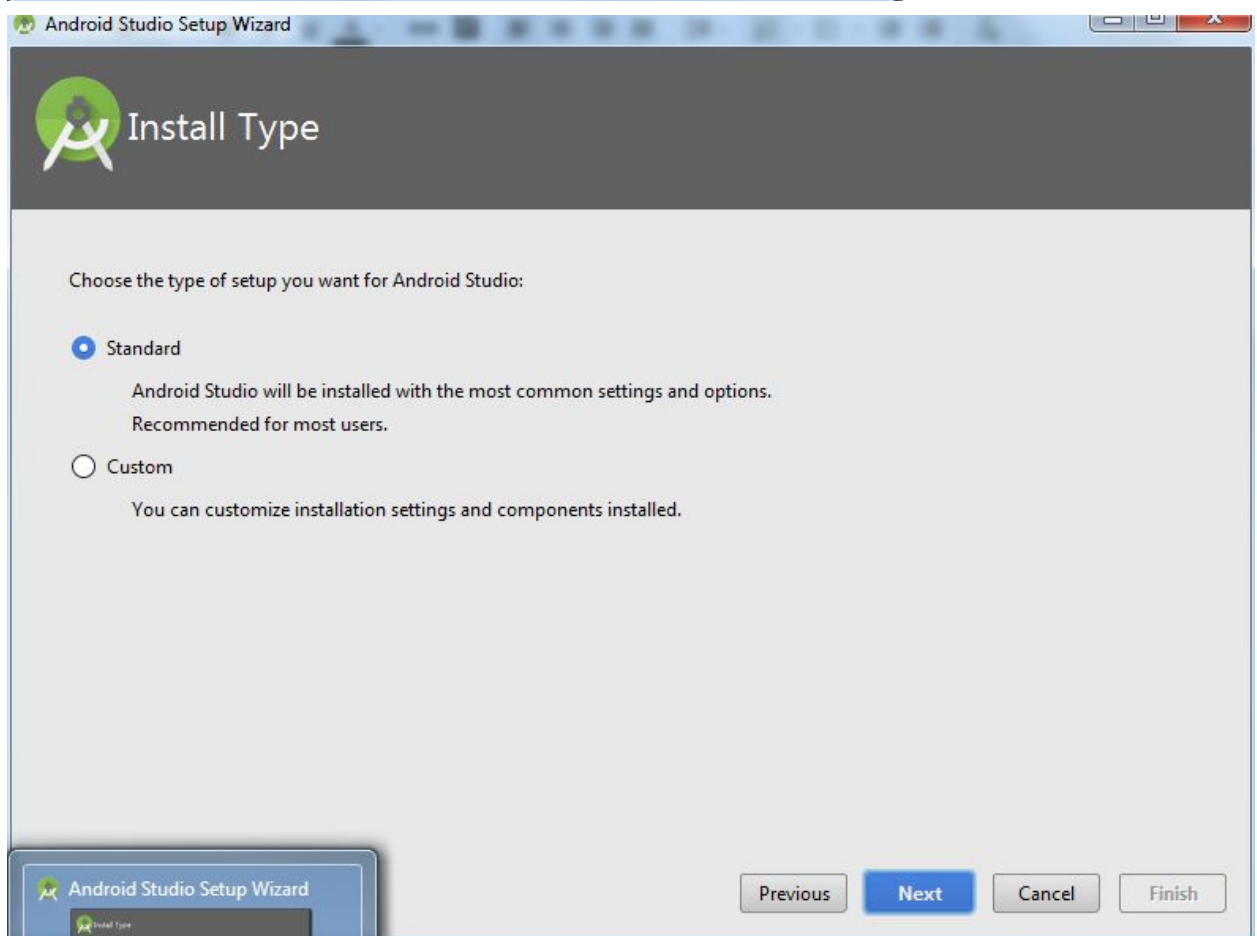
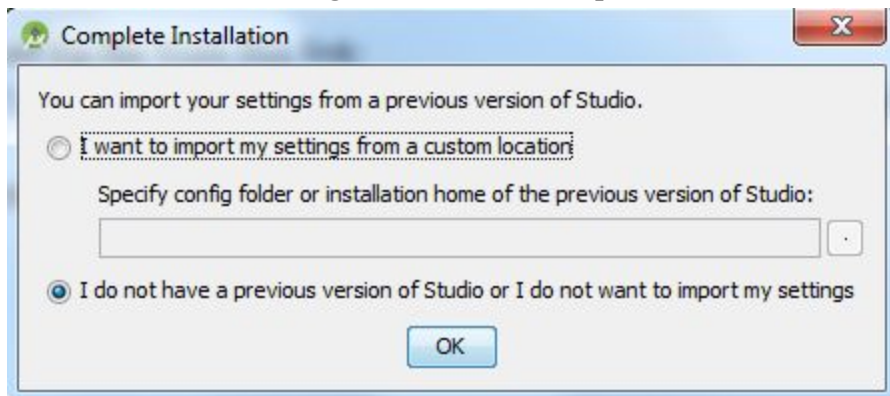
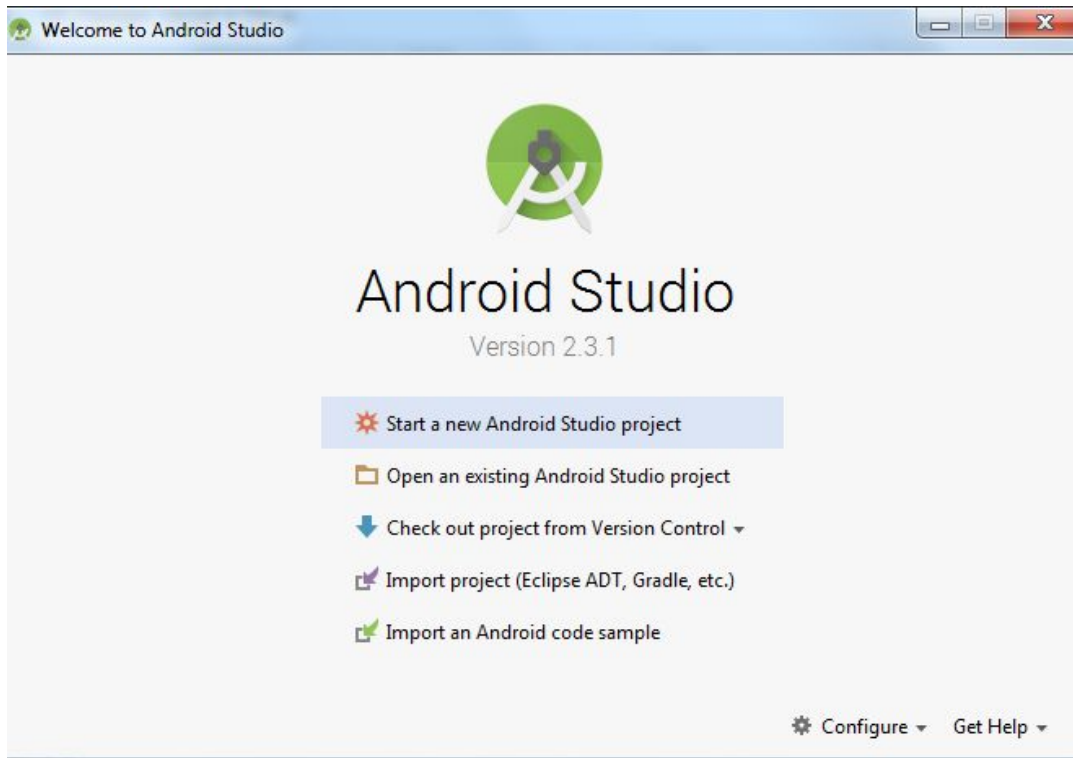


Downloading Android Studio on Lab Machines

1. Download zip file from this link:
<https://fossies.org/windows/misc/android-studio-ide-162.3871768-windows.zip>
2. Extract the files to a folder on the C drive
3. Navigate to folder and run androidstudio -> bin -> studio.exe
4. Install with default settings and standard setup:



5. Finish the installation setup.
6. When the installation is finished, select to start a new project:



7. Follow step 1 in the activity instructions to set up the project ([App 1](#) or [App 2](#))

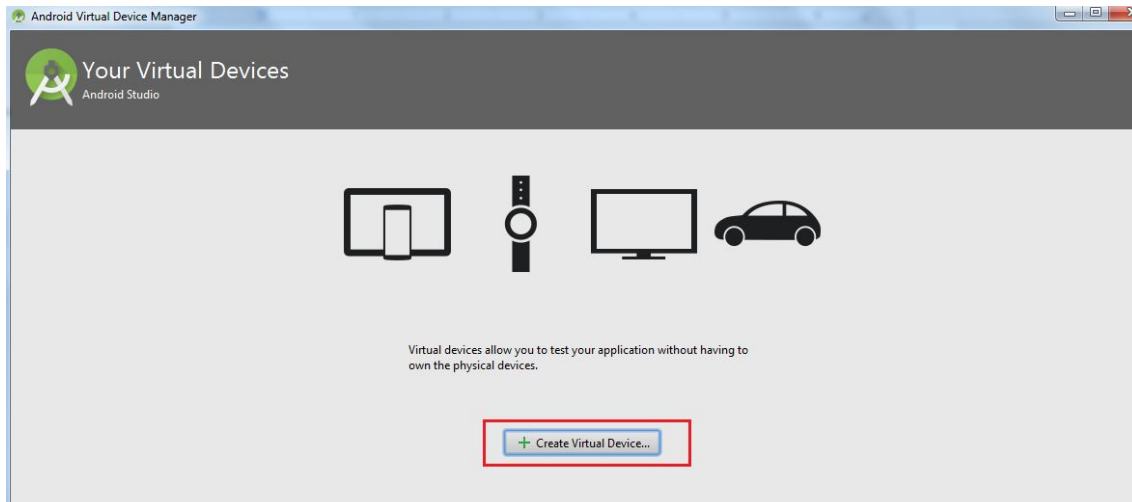
Emulator

Go to Tools -> Android -> AVD Manager

(Target: Nexus 5, Jellybean Android 4.2 mips)

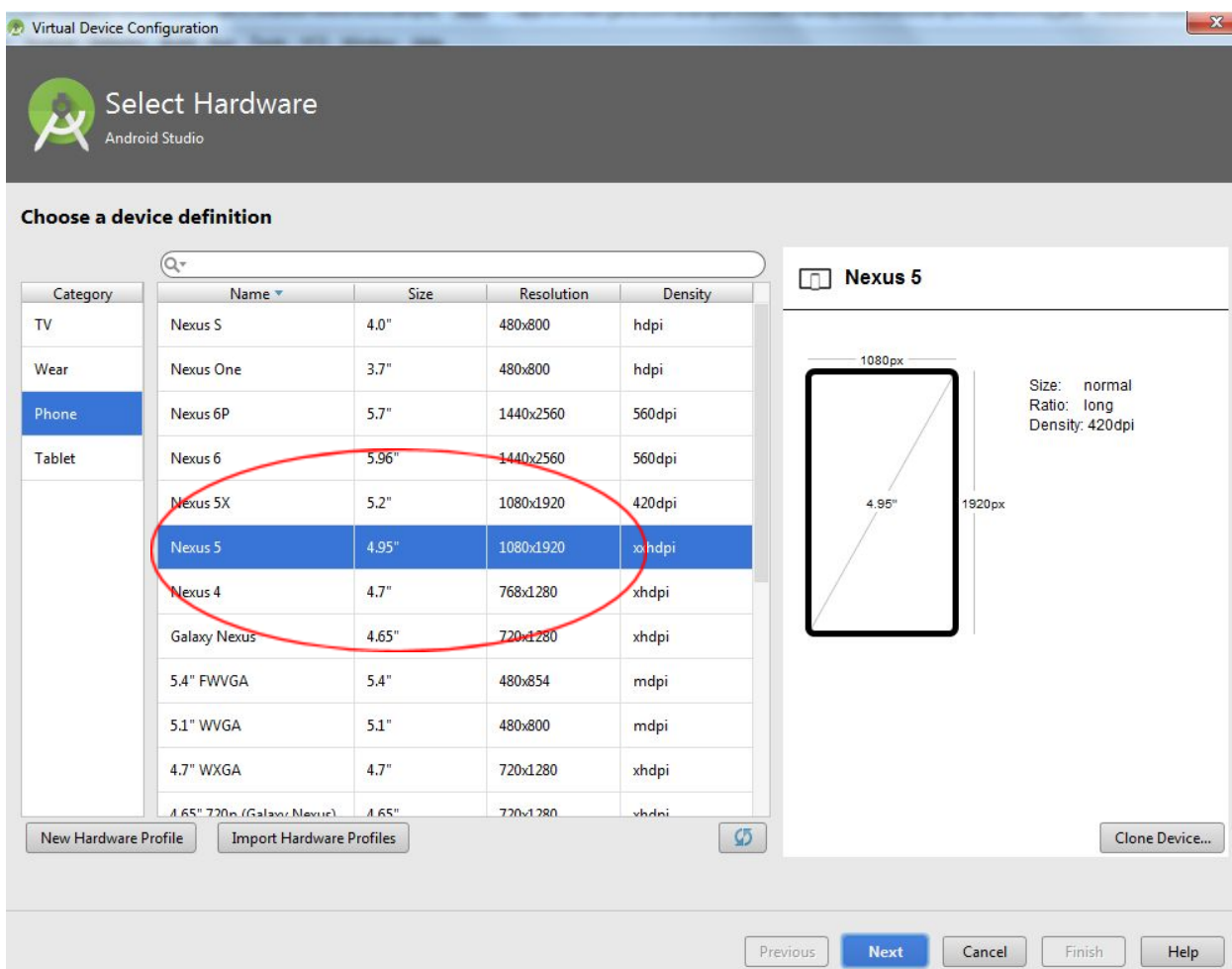
Step 1

Create new virtual device:



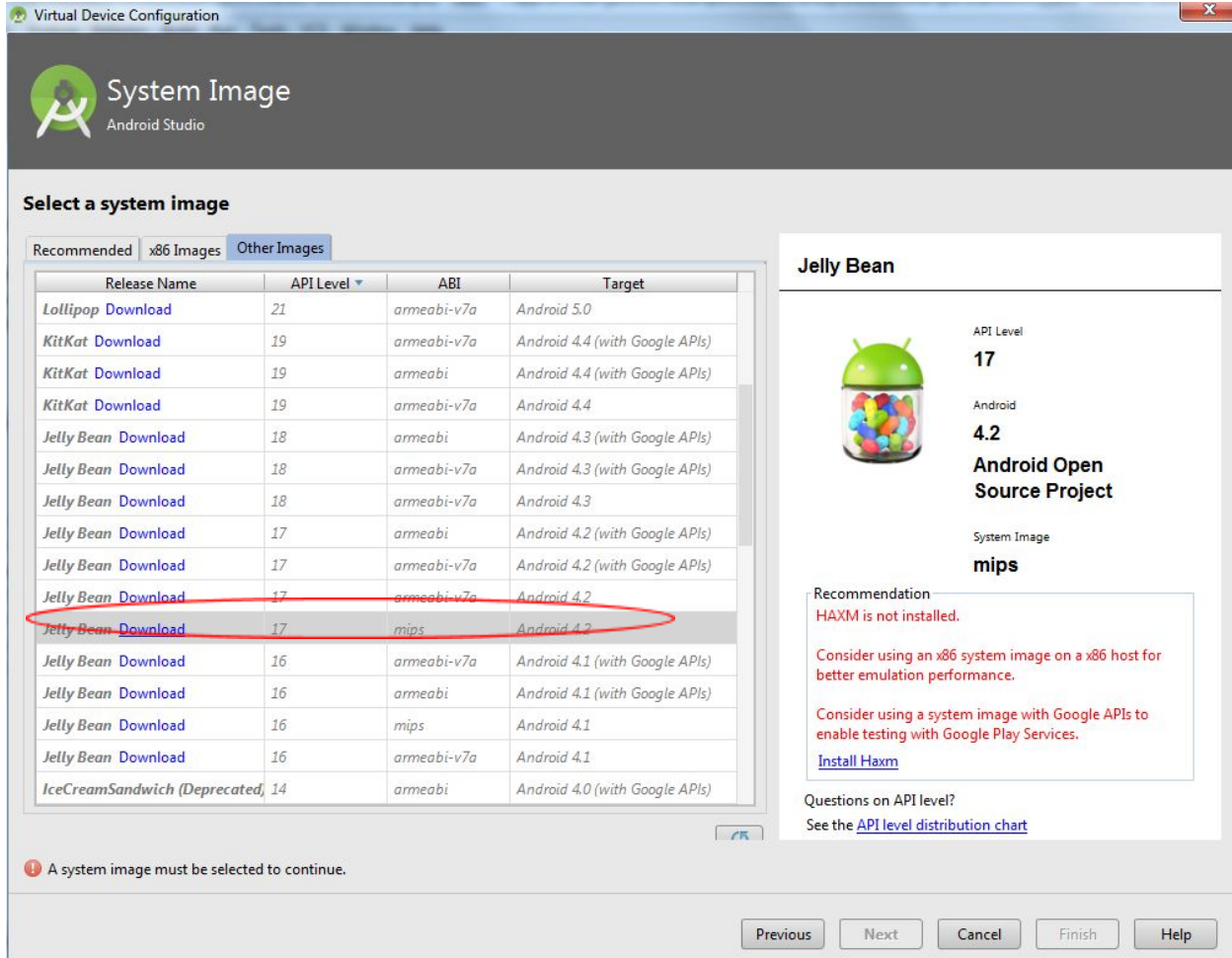
Step 2

Select Nexus 5 from device list.



Step 3

Switch tab to "Other Images". Look at the ABI column. "mips" ABI is what to look for. "Jellybean Android 4.2 mips"



Virtual Device Configuration


System Image
Android Studio

Select a system image

Recommended x86 Images **Other Images**

Release Name	API Level	ABI	Target
Lollipop Download	21	armeabi-v7a	Android 5.0
KitKat Download	19	armeabi-v7a	Android 4.4 (with Google APIs)
KitKat Download	19	armeabi	Android 4.4 (with Google APIs)
KitKat Download	19	armeabi-v7a	Android 4.4
Jelly Bean Download	18	armeabi	Android 4.3 (with Google APIs)
Jelly Bean Download	18	armeabi-v7a	Android 4.3 (with Google APIs)
Jelly Bean Download	18	armeabi-v7a	Android 4.3
Jelly Bean Download	17	armeabi	Android 4.2 (with Google APIs)
Jelly Bean Download	17	armeabi-v7a	Android 4.2 (with Google APIs)
Jelly Bean Download	17	armeabi-v7a	Android 4.2
Jelly Bean Download	17	mips	Android 4.2
Jelly Bean Download	16	armeabi-v7a	Android 4.1 (with Google APIs)
Jelly Bean Download	16	armeabi	Android 4.1 (with Google APIs)
Jelly Bean Download	16	mips	Android 4.1
Jelly Bean Download	16	armeabi-v7a	Android 4.1
IceCreamSandwich (Deprecated)	14	armeabi	Android 4.0 (with Google APIs)

Jelly Bean



API Level
17

Android
4.2

Android Open Source Project

System Image
mips

Recommendation
HAXM is not installed.

Consider using an x86 system image on a x86 host for better emulation performance.

Consider using a system image with Google APIs to enable testing with Google Play Services.

[Install Haxm](#)

Questions on API level?
See the [API level distribution chart](#)

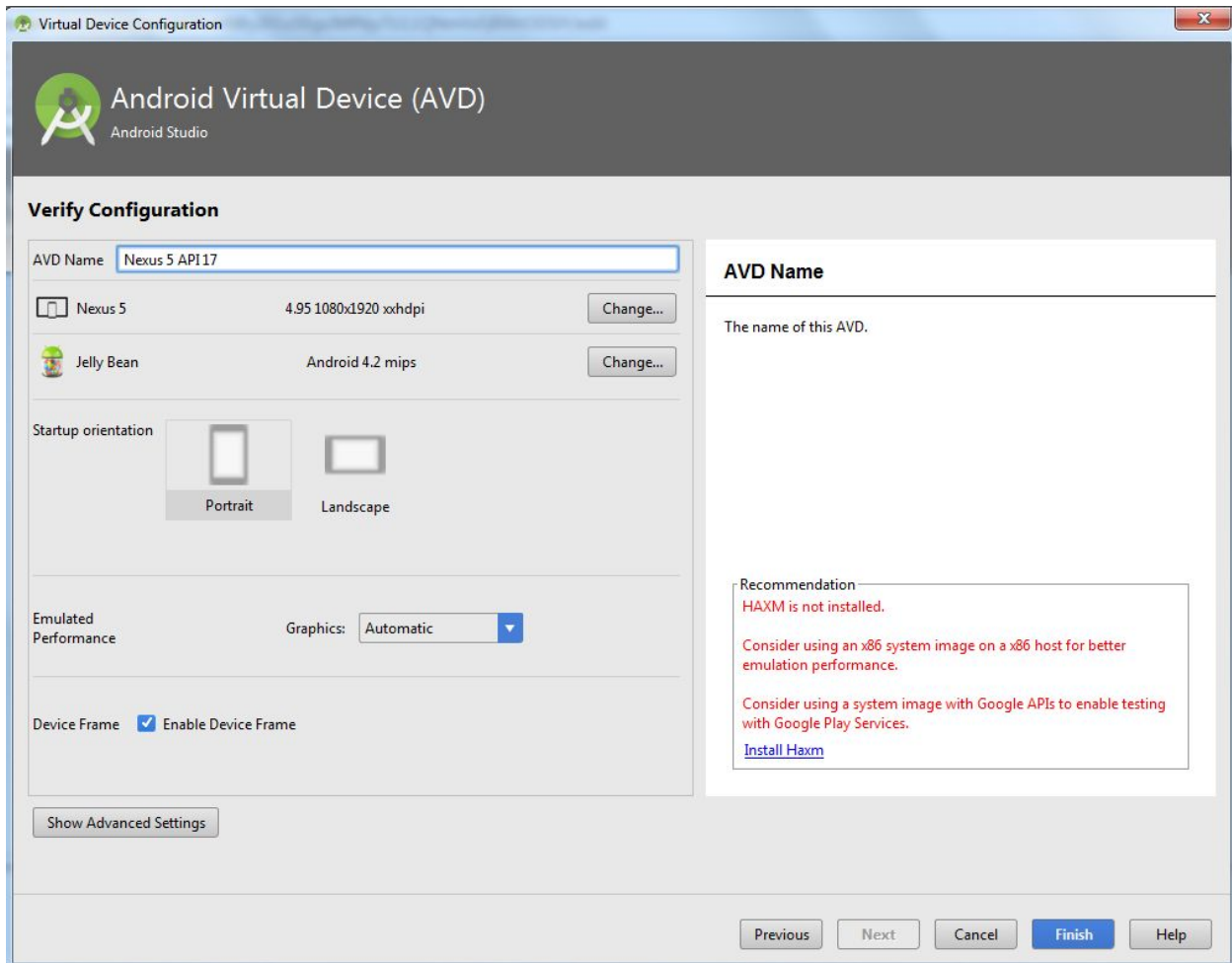
A system image must be selected to continue.

Previous Next Cancel Finish Help

Click download

Select accept --> next --> finish

Validate the image and virtual device:



Click "Finish"

Select Nexus 5 API17 "you just created it" ----> OK

A message will popup

Click install and continue

Accept --> Next

The emulator will start "This may take some time"