

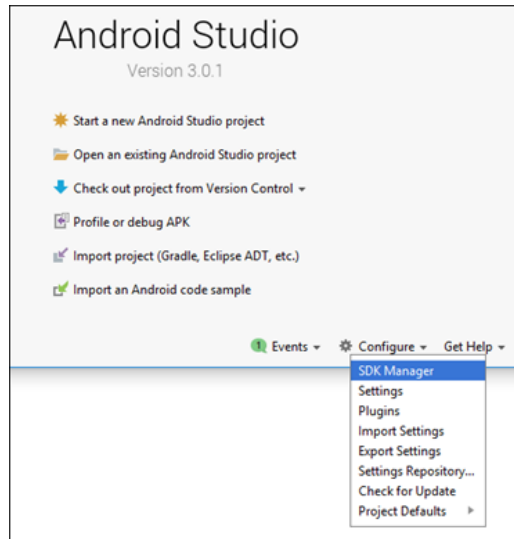
Flutter Development for Android

17 February 2021 16:21

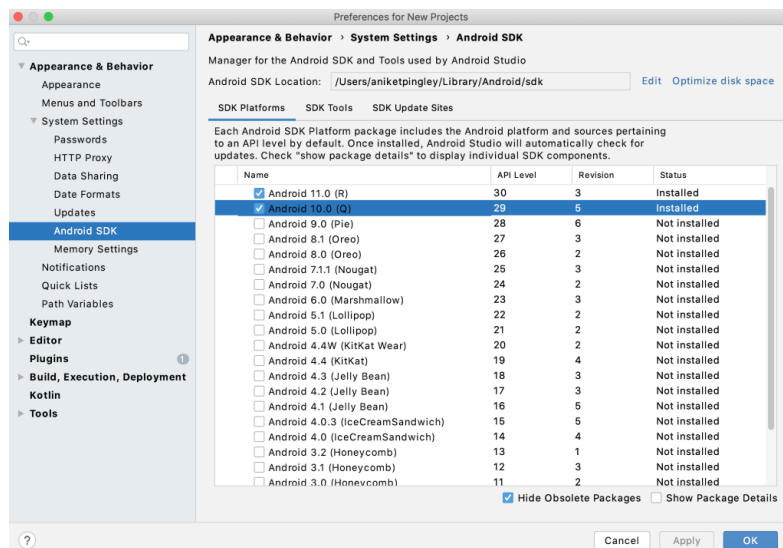
If you have an Android smartphone, check the installed version from Settings and note it down.
If you don't have an Android smartphone, you can use Android Virtual Device (instructions below).

Download Android Studio from here: <https://developer.android.com/studio>

Open Android Studio. On Android Studio landing page, select Configure > SDK Manager.



Install the SDK Platform package based on the Android version that you have on your smartphone. For example, Android Q (v10) install the corresponding package.



Enable Developer mode and USB debugging on your Android phone. Check instructions here - <https://bit.ly/3u9zffE>

Connect your smartphone via USB cable to you system where Flutter and Android Studio is installed, after enabling Developer mode and USB debugging.

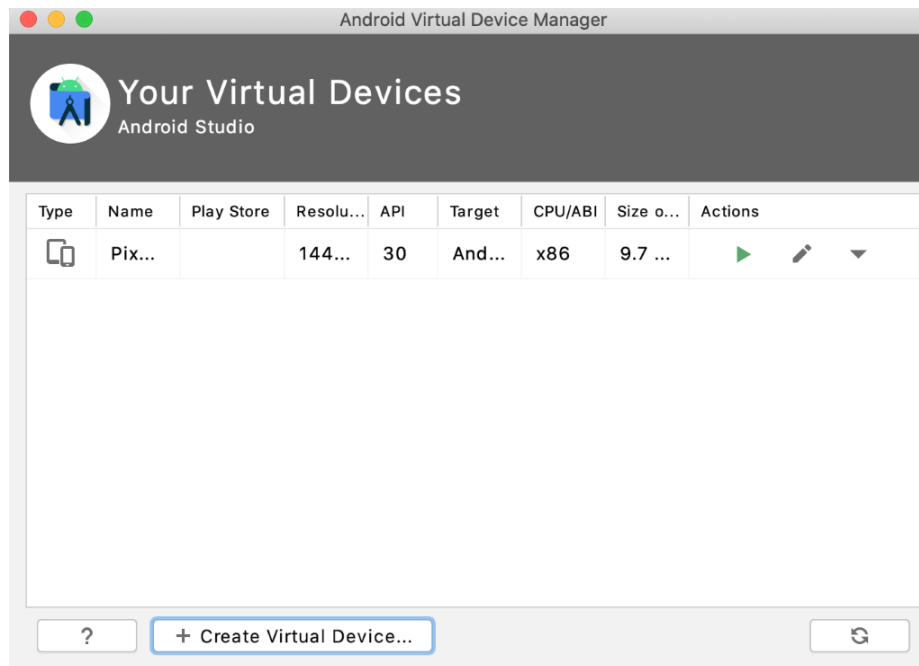
Run 'flutter doctor' using Powershell/Terminal

Run 'flutter devices' using Powershell/Terminal

You should see at least two devices in the list – Chrome and your Android smartphone.

Instructions for using Android Virtual Device (in case you dont have Android smartphone or if you want to use your smartphone for development.

Open Android Studio. On Android Studio landing page, select Configure > AVD Manager. Then click on + Create Virtual Device



Choose the device of your choice (e.g., Pixel XL) and hit Next.

Select the System image (Pie or above) and click Download link in the cell. This will take 10-30 minutes based on your Internet speed.

Once downloaded, select the System Image and hit Next.

Rename the AVD as per your choice and hit Finish.

Run 'flutter doctor' using Powershell/Terminal

Run 'flutter devices' using Powershell/Terminal

You should see at least two devices in the list – Chrome and your AVD smartphone.