software in Android Studio.

Android SDK

value returning 1:

[my-MAC~]\$

kern.hv_support: 1

Downloading a virtual device

Pixel 2 XL API 32

Pixel 3a XL API 32

Pixel_3a_API_32_arm64-v8a

represents its software components.

or use the default hardware options offered by Android Studio.

system image of these devices will have a Play Store integrated into their interfaces.

your specific purpose or on a larger scale.

Setting up emulator software

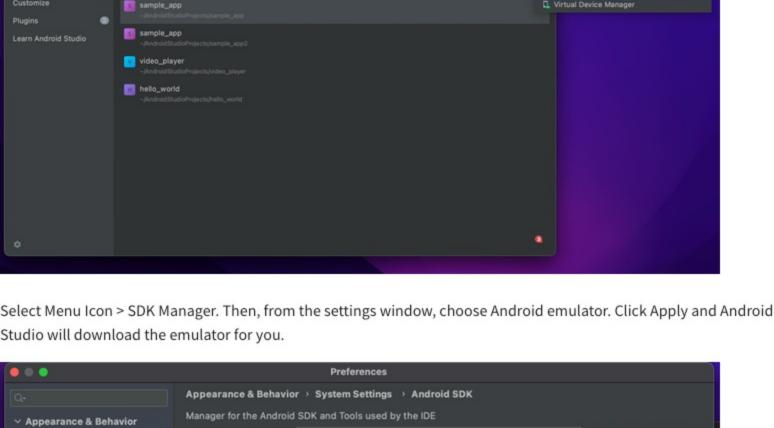
Although the set-up process has been captured with a Mac device, the same instructions apply to Windows users. You can download the emulator from the SDK manager located in the top right corner of the Android Studio welcome

To use the Android emulator, you will need to download it first. This reading will guide you through setting up emulator

screen.

New Project Open Get from VCS flutter-news-app Import an Android Code Sample

SDK Manager

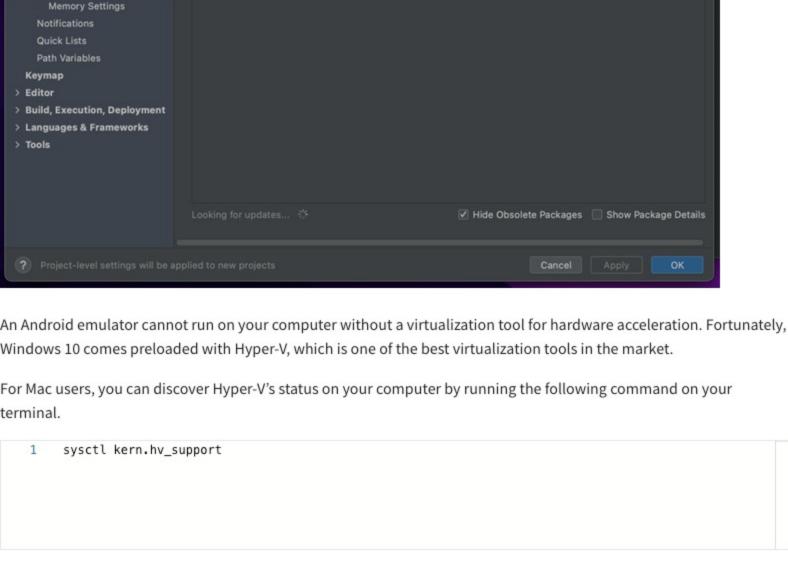


an API level by default. Once installed, the IDE will automatically check for updates. Check "show package details" to display individual SDK components. **Data Sharing Date Formats** Installed

Each Android SDK Platform package includes the Android platform and sources pertaining to

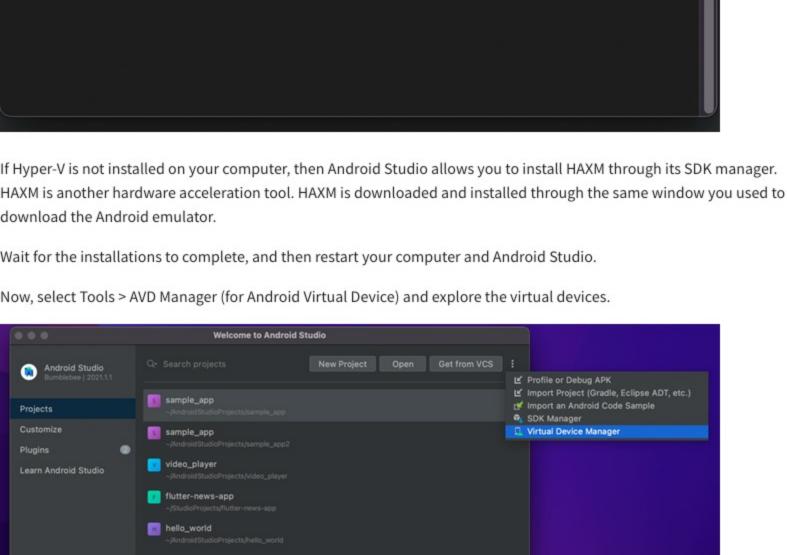
Installed

Android SDK Location: /Users/temidayoadefioye/Library/Android/sdk



sample_app2 — -zsh — 80×24 [my-MAC~]\$ sysctl kern.hv_support

If your computer supports it, the command output will look as follows when turned on showing the kern.hv_support



There'll be a default virtual device in your AVD manager when you download the Android emulator. However, you can download the device of your choice that has a different screen size or other specifications to test your application for

When you open the AVD manager, you can locate the button for creating a new virtual device at the top left corner.

3.2 GB

3.3 GB

2.4 GB

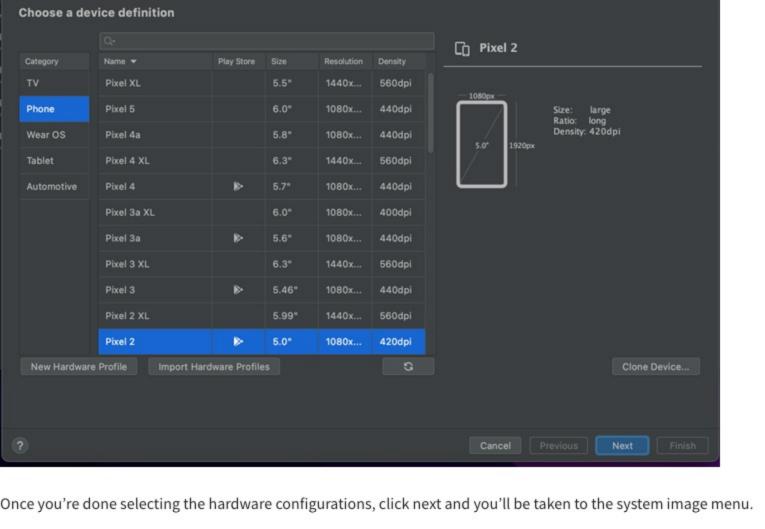
Each virtual device comprises some hardware and software configurations. The system image of a virtual device

When you set out to create a new virtual device, you'll have to determine its hardware first. This is where you select

In the hardware selection menu, you'll also get to see a Play Store icon beside some of the hardware choices. The

settings like the screen size, screen resolution, screen pixel density and RAM. You can define the hardware from scratch

Virtual Device Configuration Select Hardware



A system image comprises the Android version, its API level and Application Binary Interface(ABI). ABI defines with

Virtual Device Configuration

great precision, how an application's machine code is supposed to interact with the computer.

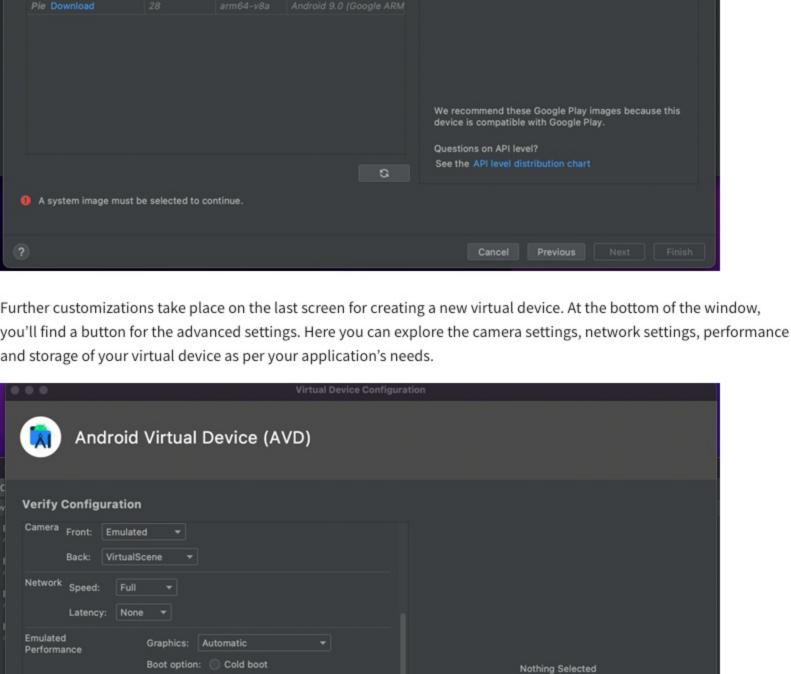
These selections must be in accordance with your project.

System Image

Select a system image

33 API 33 Download Google Inc.

arm64-v8a



Cold boot: It will start your device as if you're turning it on for the first time.

✓ Multi-Core CPU 4

The performance section of the settings gives you three options:

Memory

VM heap:

Hide Advanced Settings

Internal Storage:

show you the same screen.

Mark as completed

- Snapshot: This refers to the state of the Android emulator. You get to save the state yourself and it'll kick off from
- the same page the next time you run the emulator. The memory and storage section of the settings gives you options to configure the device RAM, VM heap, Internal

Quick boot: It will remember the last state of your device and the next time you run the Android emulator it will

storage and SD card.

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