Android install for mac

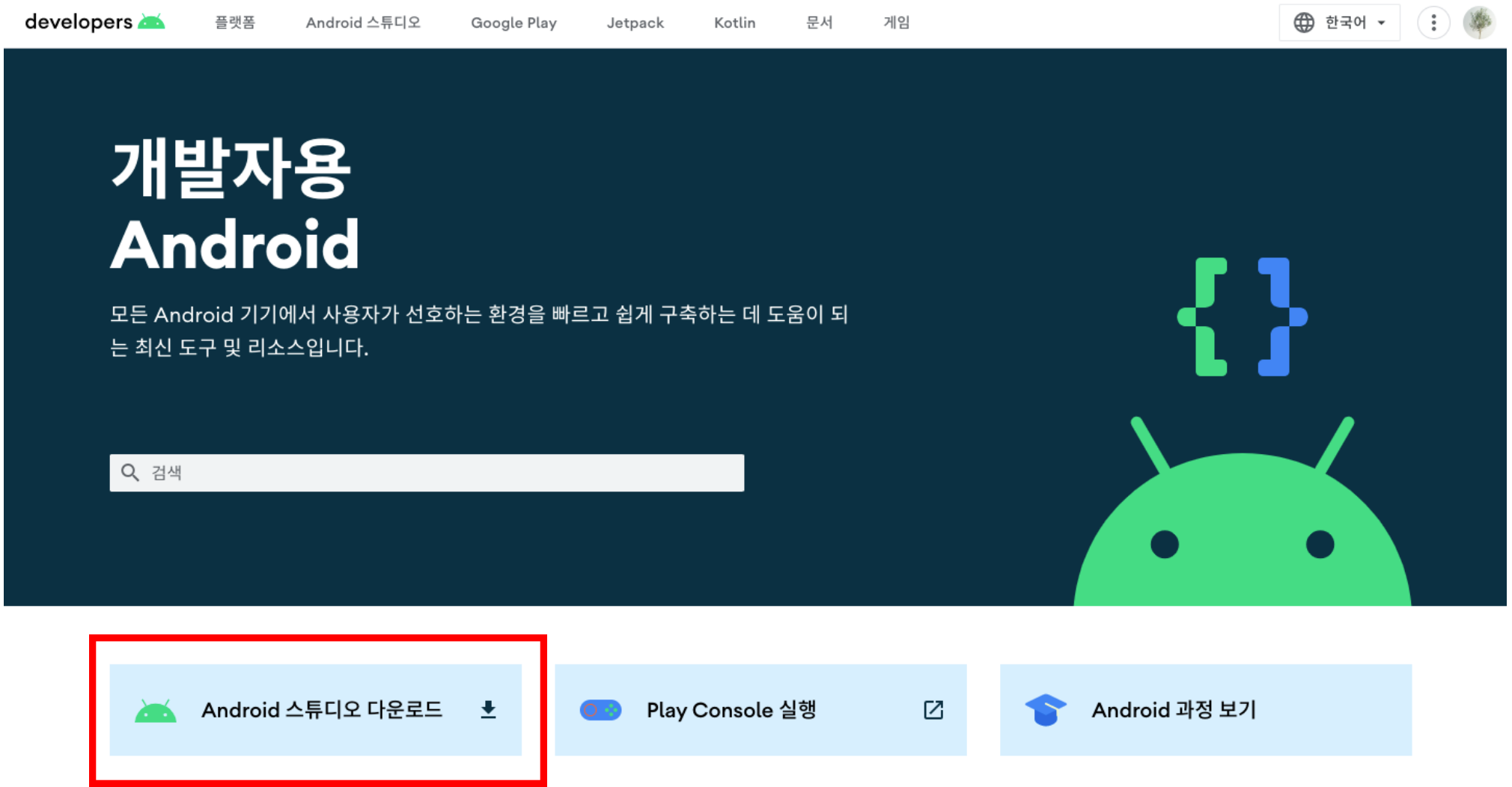
목차

✓안드로이드 스튜디오 설치

✓안드로이드 스튜디오 설정 (SDK 다운로드 등)

안드로이드 스튜디오 설치

- https://developer.android.com



android studio

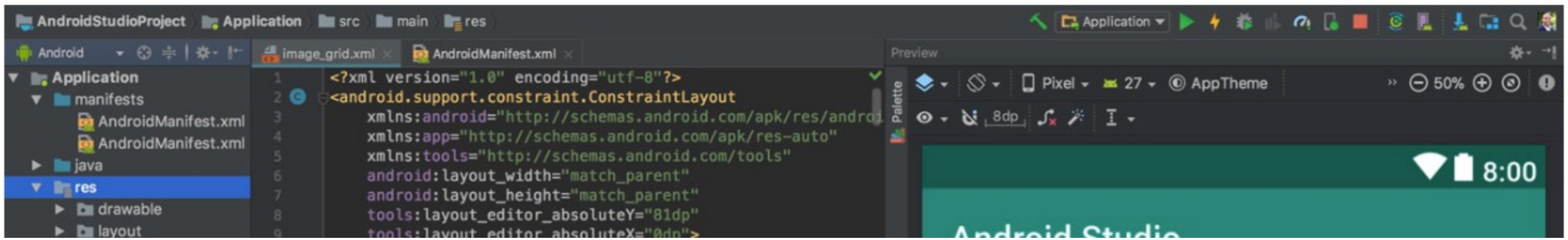
Android Studio provides the fastest tools for building apps on every type of Android device.

Download Android Studio

Android Studio Chipmunk | 2021.2.1 Patch 1 for Mac (~1017 MiB)

Download options

Release notes



13.1 Google may make changes to the License Agreement as it distributes new versions of the SDK. When these changes are made, Google will make a new version of the License Agreement available on the website where the SDK is made available.

14. General Legal Terms

14.1 The License Agreement constitutes the whole legal agreement between you and Google and governs your use of the SDK (excluding any services which Google may provide to you under a separate written agreement), and completely replaces any prior agreements between you and Google in relation to the SDK. 14.2 You agree that if Google does not exercise or enforce any legal right or remedy which is contained in the License Agreement (or which Google has the benefit of under any applicable law), this will not be taken to be a formal waiver of Google's rights and that those rights or remedies will still be available to Google. 14.3 If any court of law, having the jurisdiction to decide on this matter, rules that any provision of the License Agreement is invalid, then that provision will be removed from the License Agreement without affecting the rest of the License Agreement. The remaining provisions of the License Agreement will continue to be valid and enforceable. 14.4 You acknowledge and agree that each member of the group of companies of which Google is the parent shall be third party beneficiaries to the License Agreement and that such other companies shall be entitled to directly enforce, and rely upon, any provision of the License Agreement that confers a benefit on (or rights in favor of) them. Other than this, no other person or company shall be third party beneficiaries to the License Agreement. 14.5 EXPORT RESTRICTIONS. THE SDK IS SUBJECT TO UNITED STATES EXPORT LAWS AND REGULATIONS. YOU MUST COMPLY WITH ALL DOMESTIC AND INTERNATIONAL EXPORT LAWS AND REGULATIONS THAT APPLY TO THE SDK. THESE LAWS INCLUDE RESTRICTIONS ON DESTINATIONS, END USERS AND END USE. 14.6 The rights granted in the License Agreement may not be assigned or transferred by either you or Google without the prior written approval of the other party. Neither you nor Google shall be permitted to delegate their responsibilities or obligations under the License Agreement without the prior written approval of the other party. 14.7 The License Agreement, and your relationship with Google under the License Agreement, shall be governed by the laws of the State of California without regard to its conflict of laws provisions. You and Google agree to submit to the exclusive jurisdiction of the courts located within the county of Santa Clara, California to resolve any legal matter arising from the License Agreement. Notwithstanding this, you agree that Google shall still be allowed to apply for injunctive remedies (or an equivalent type of urgent legal relief) in any jurisdiction. *July 27, 2021*

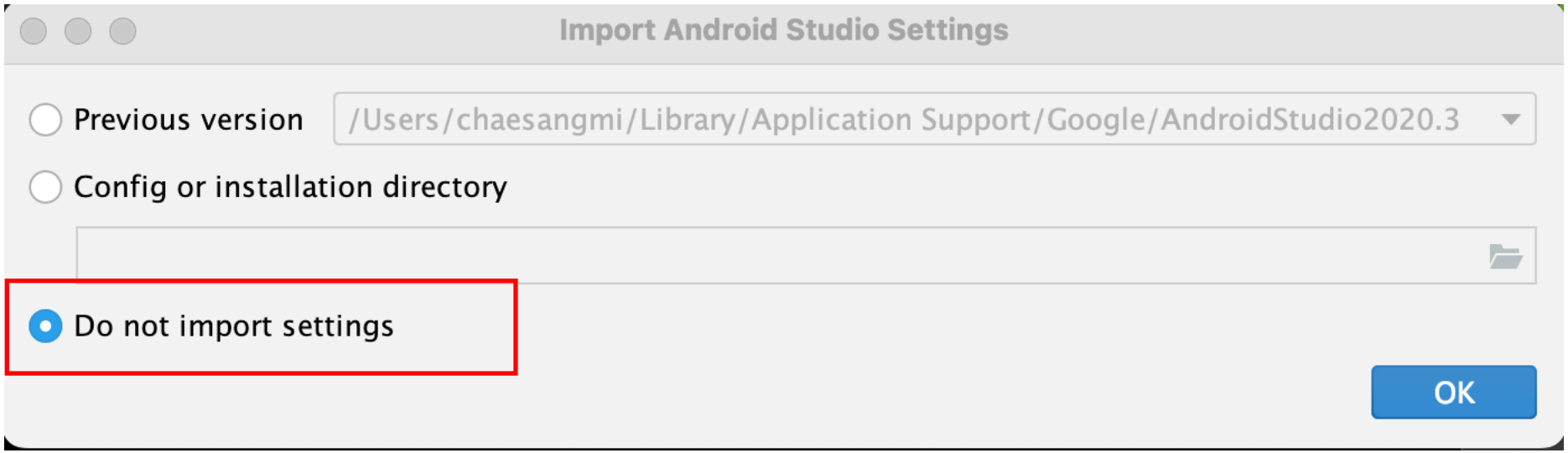
☑ I have read and agree with the above terms and conditions

Select the version of Android Studio that's right for your Mac:

Android Studio Chipmunk 2021.2.1 Patch 1

Mac with Intel chip	Mac with Apple chip
android-studio-2021.2.1.15-mac.dmg	*android-studio-2021.2.1.15-mac_arm.dmg*

본인 맥의 칩에
맞는 걸로 고르기


Import Android Studio Settings
Previous version
/Users/chaesangmi/Library/Application Support/Google/AndroidStudio2020.3
Config or installation directory
Do not import settings
OK

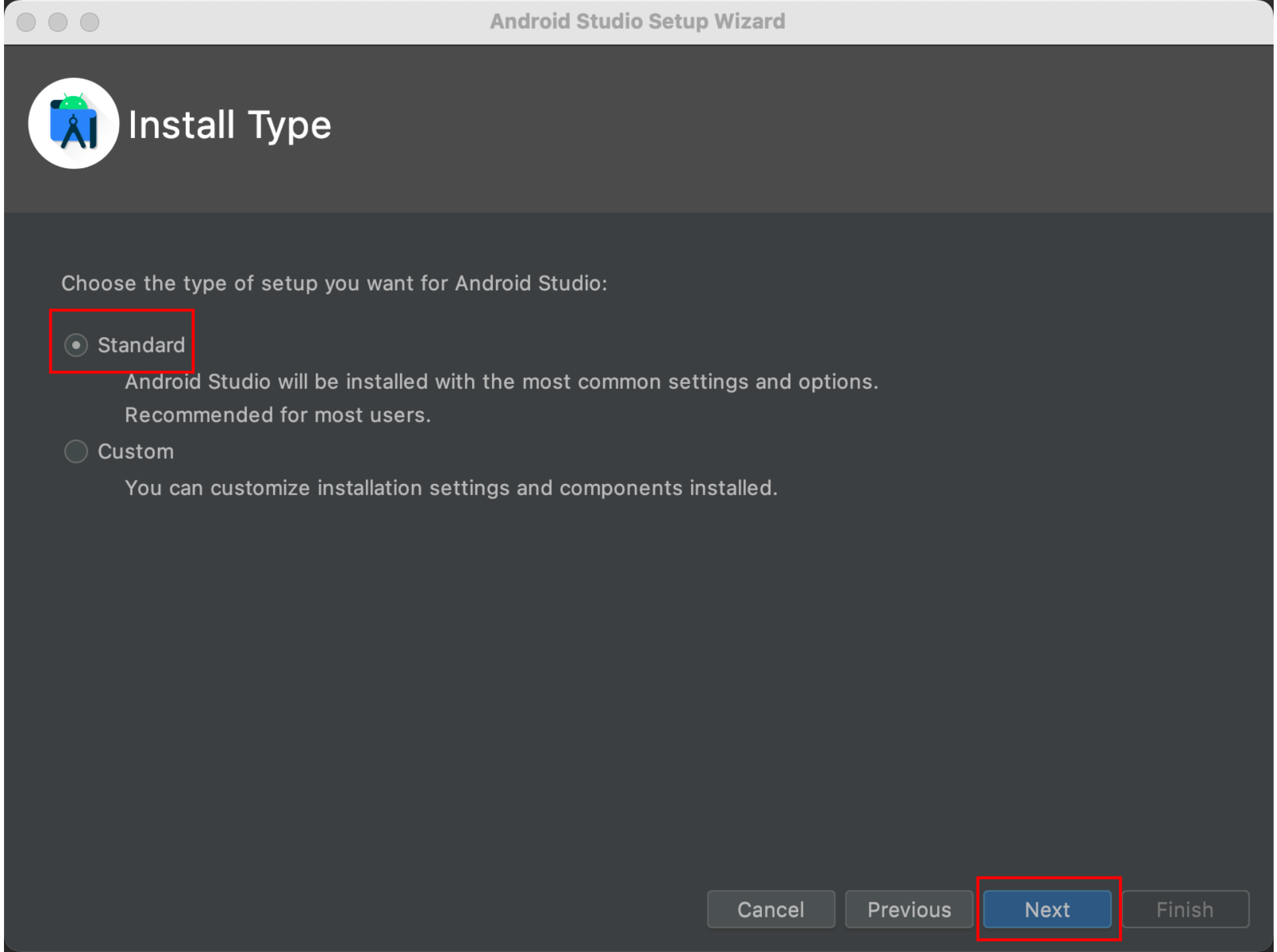
Android Studio Setup Wizard

Welcome

Android Studio

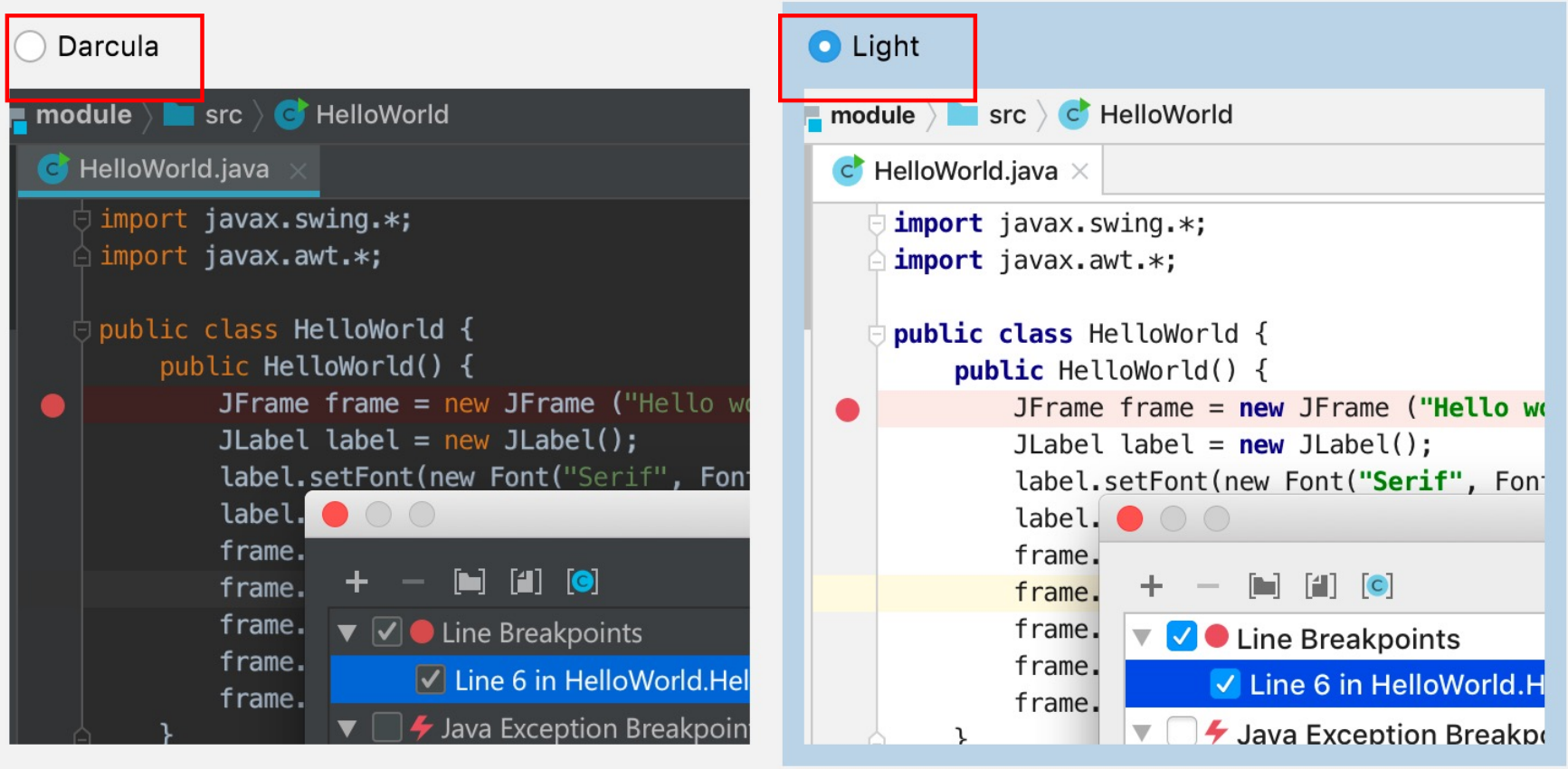
Welcome back! This setup wizard will validate your current Android SDK and development environment setup. You will have the option to download a new Android SDK or use an existing installation. Once the setup wizard completes, you can import an existing Android app into Android Studio or start a new Android project.

Cancel | Previous | Next | Finish

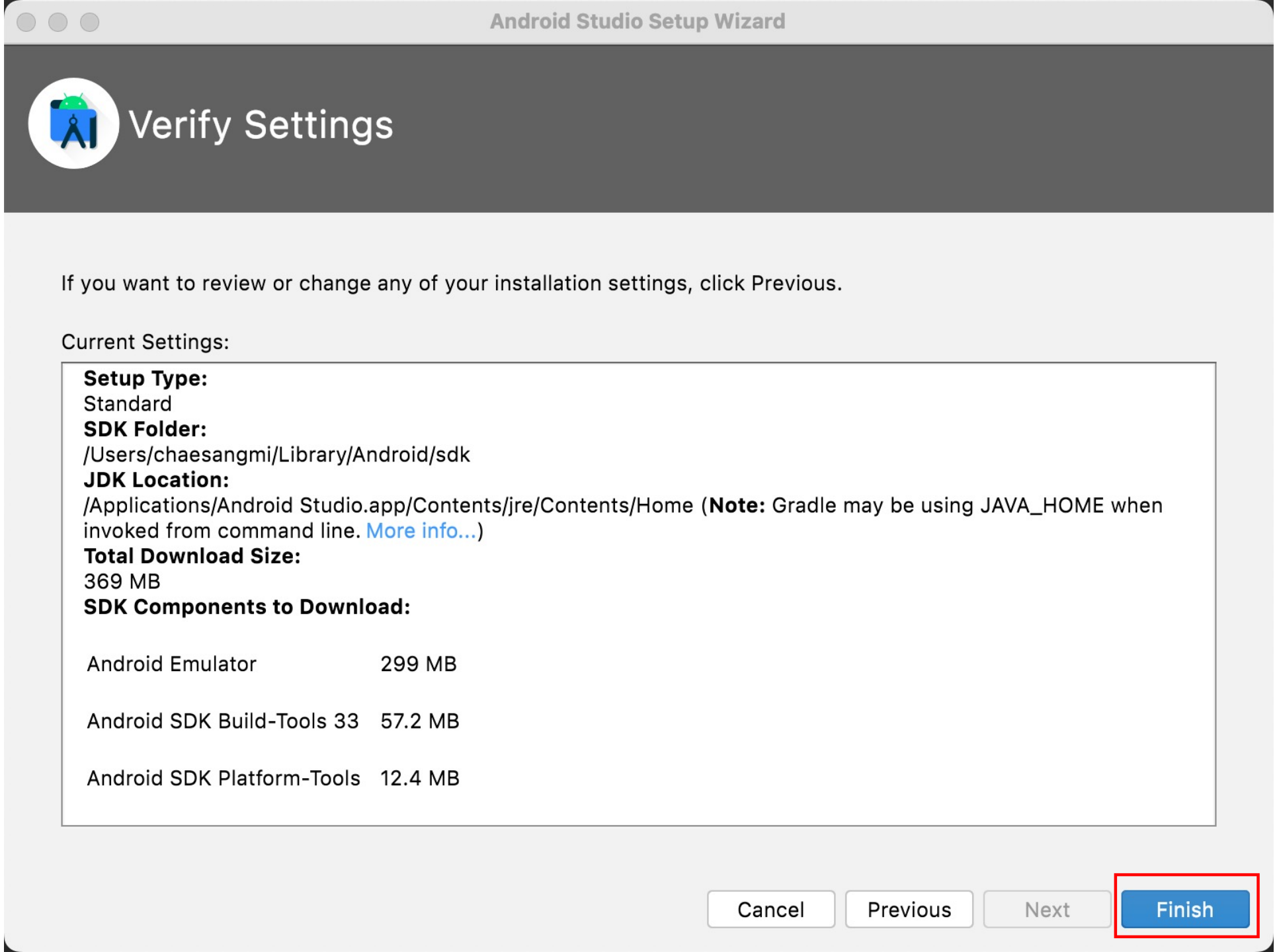

Android Studio Setup Wizard
Install Type
Choose the type of setup you want for Android Studio:
Standard
Android Studio will be installed with the most common settings and options.
Recommended for most users.
Custom
You can customize installation settings and components installed.
Cancel
Previous
Next
Finish

Android Studio Setup Wizard

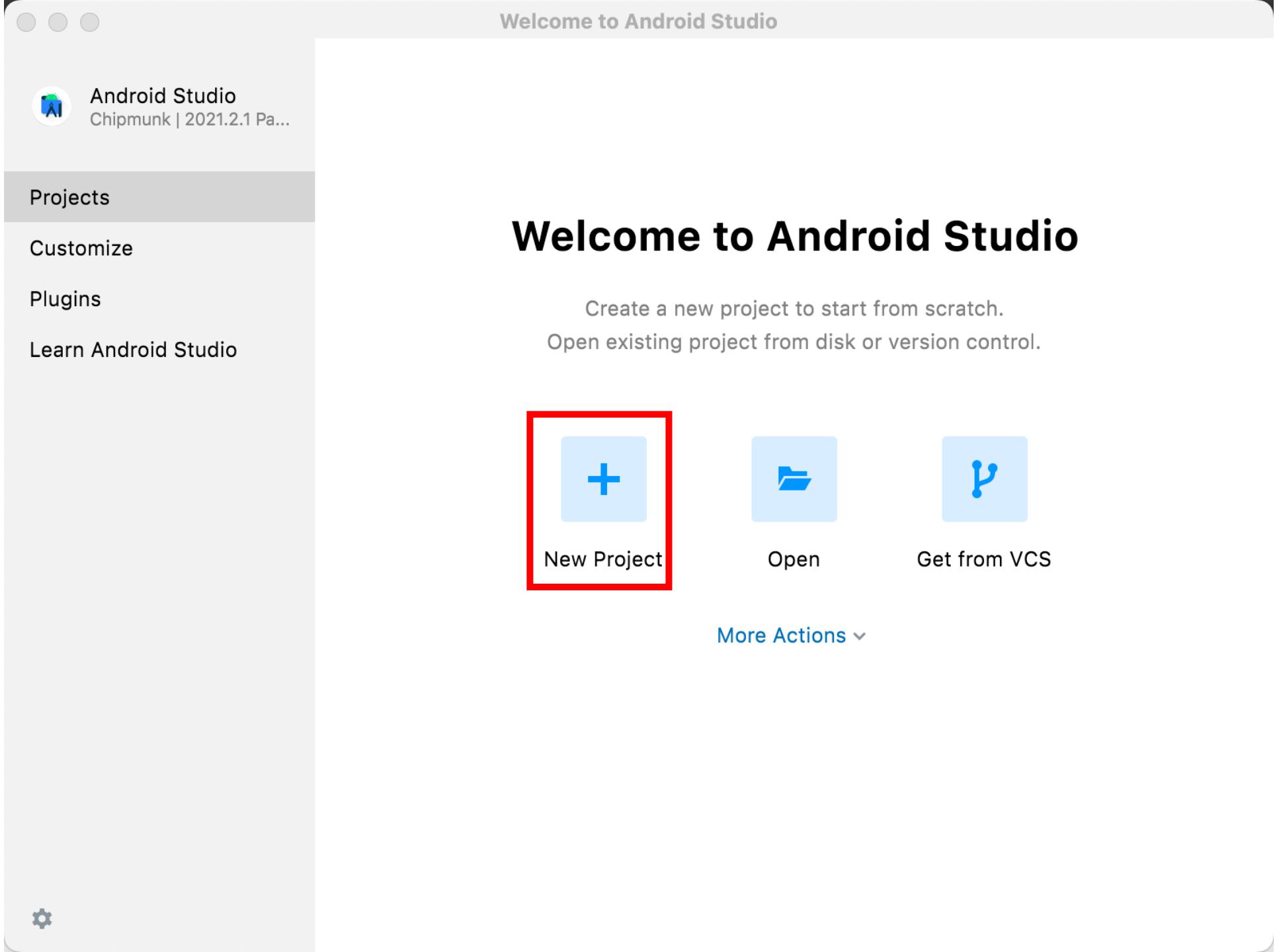
Select UI Theme



Cancel | Previous | Next | Finish


Android Studio Setup Wizard
Verify Settings
If you want to review or change any of your installation settings, click Previous.
Current Settings:
Setup Type:
Standard
SDK Folder:
/Users/chaesangmi/Library/Android/sdk
JDK Location:
/Applications/Android Studio.app/Contents/jre/Contents/Home (Note: Gradle may be using JAVA_HOME when invoked from command line. More info...)
Total Download Size:
369 MB
SDK Components to Download:
Android Emulator 299 MB
Android SDK Build-Tools 33 57.2 MB
Android SDK Platform-Tools 12.4 MB
Cancel
Previous
Next
Finish

✓Hello World! 출력하기

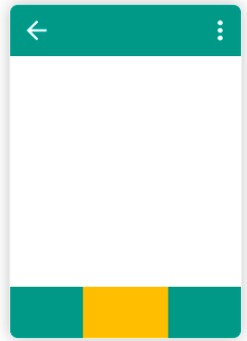

Welcome to Android Studio
Android Studio
Chipmunk | 2021.2.1 Pa...
Projects
Customize
Plugins
Learn Android Studio
Welcome to Android Studio
Create a new project to start from scratch.
Open existing project from disk or version control.
New Project
Open
Get from VCS
More Actions

New Project

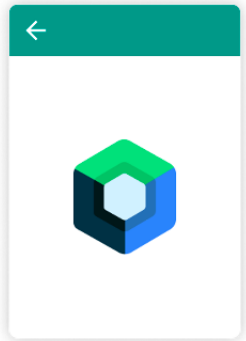
Templates

- Phone and Tablet
- Wear OS
- Android TV
- Automotive

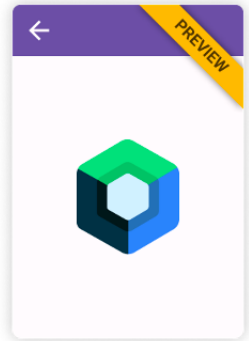
No Activity



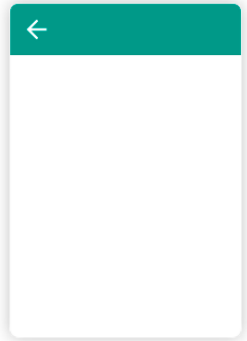
Basic Activity



Basic Activity (Material3)

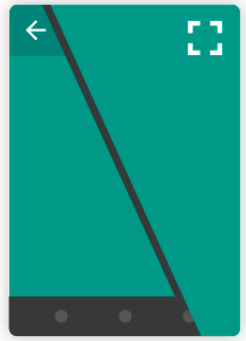


Bottom Navigation Activity



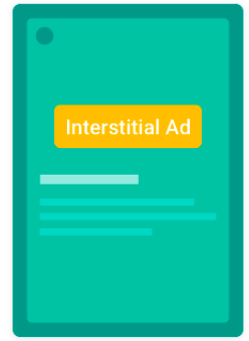
Empty Activity

Empty Compose Activity

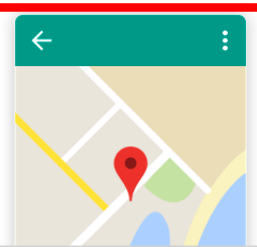


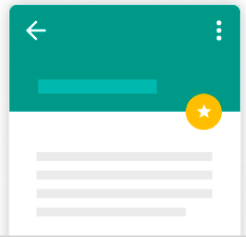
Fullscreen Activity

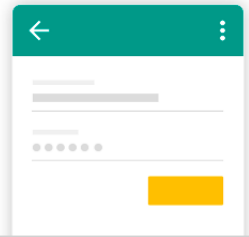
Empty Compose Activity (Materi...



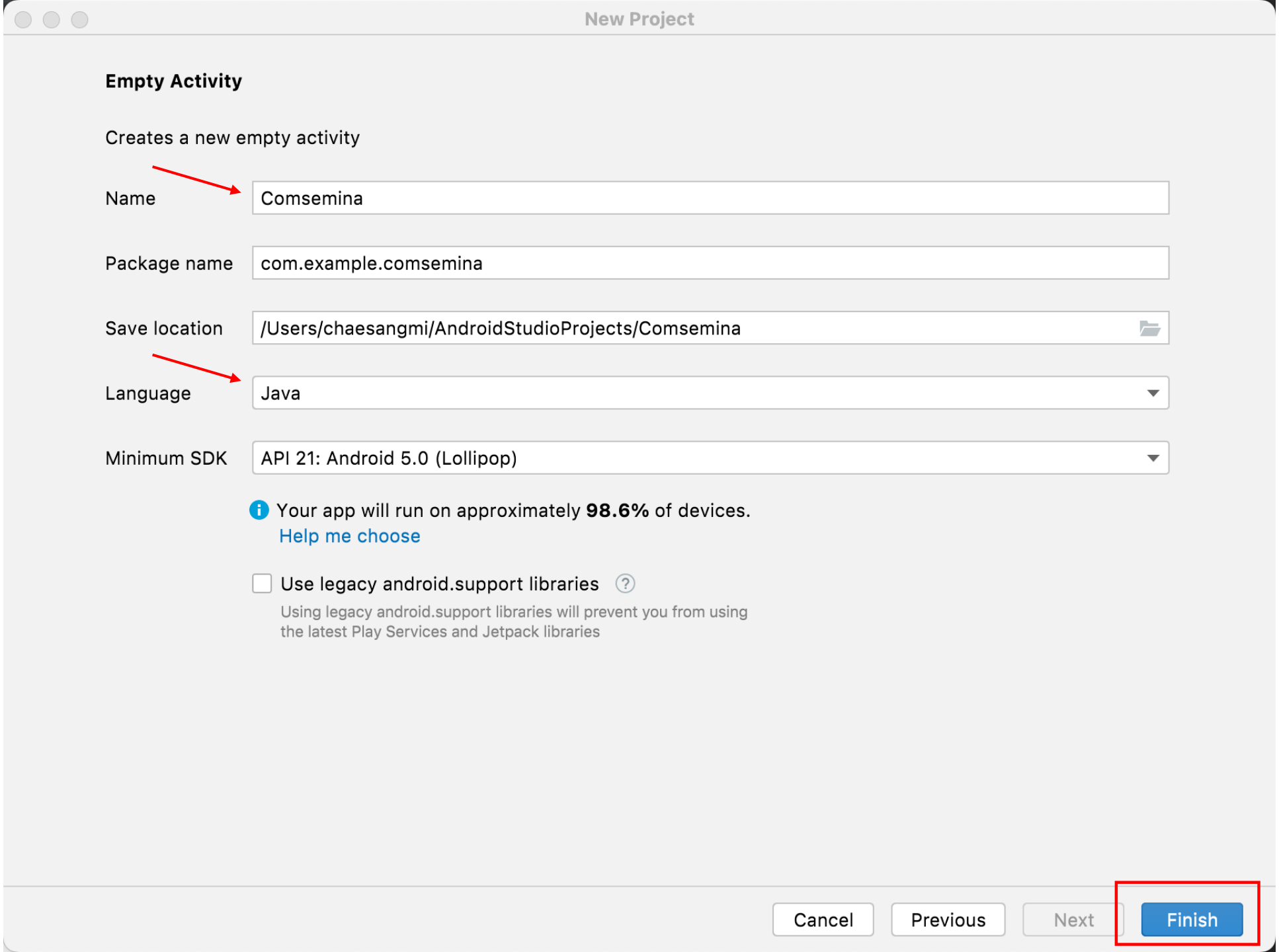
Google AdMob Ads Activity

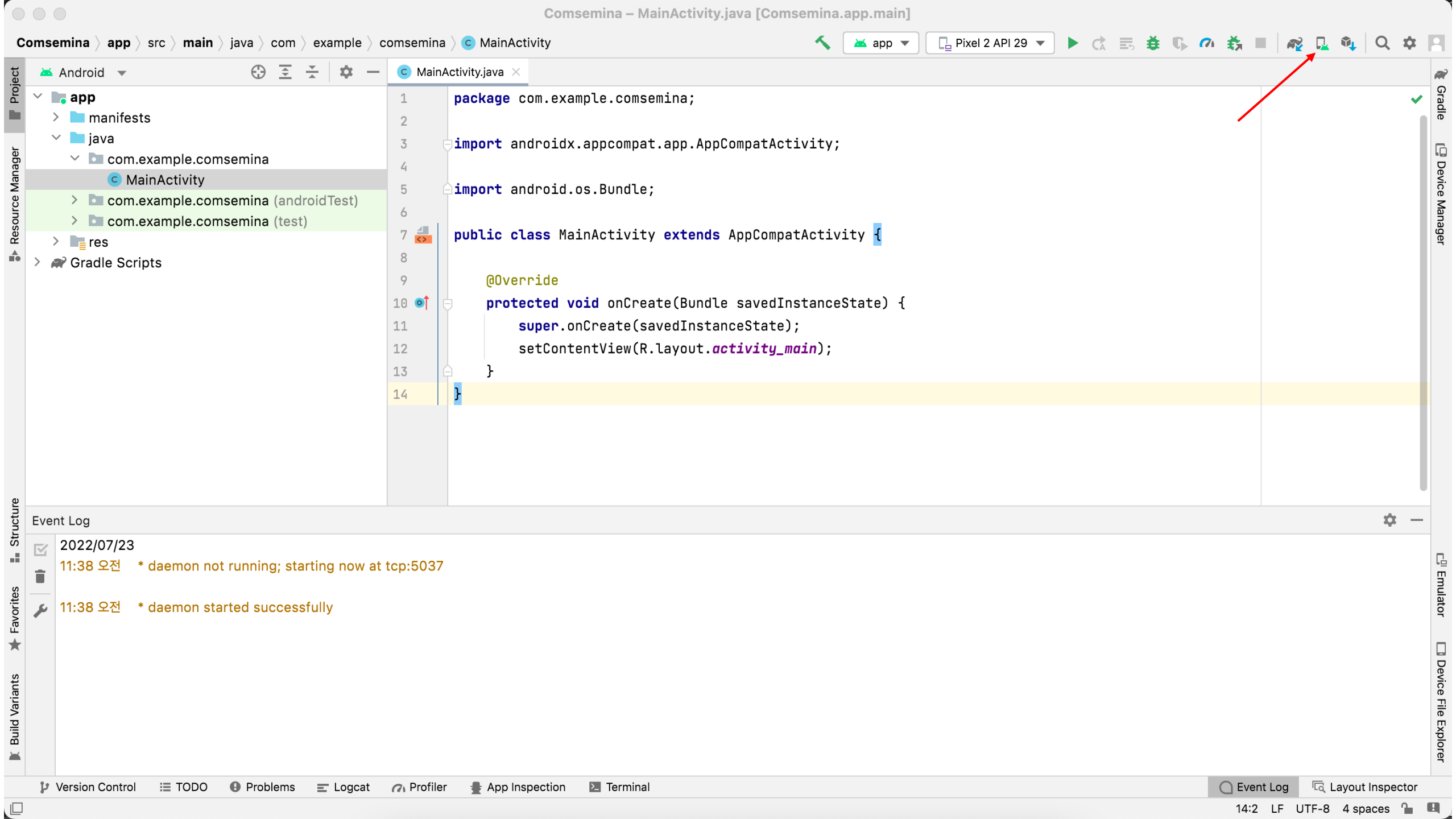


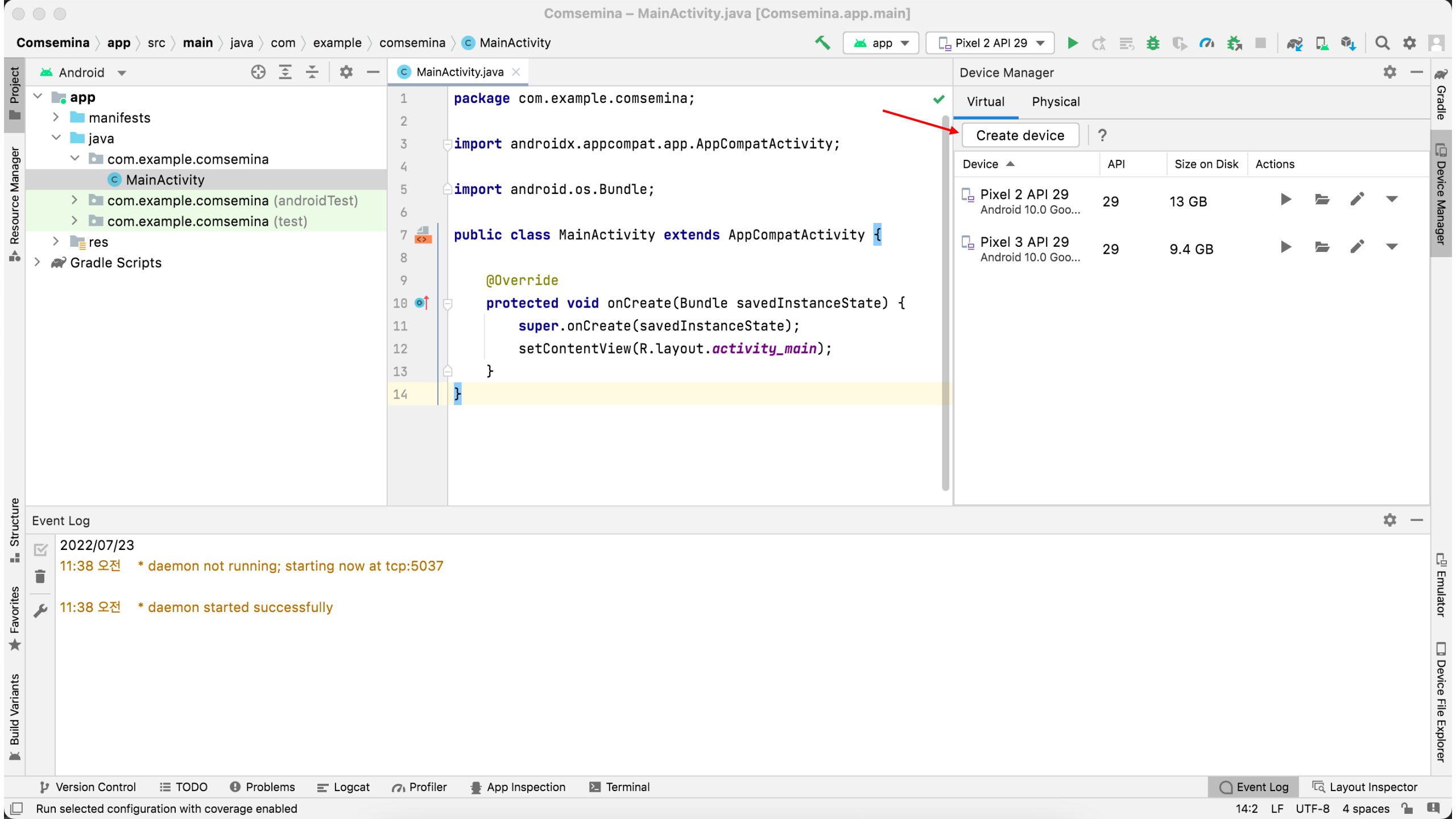


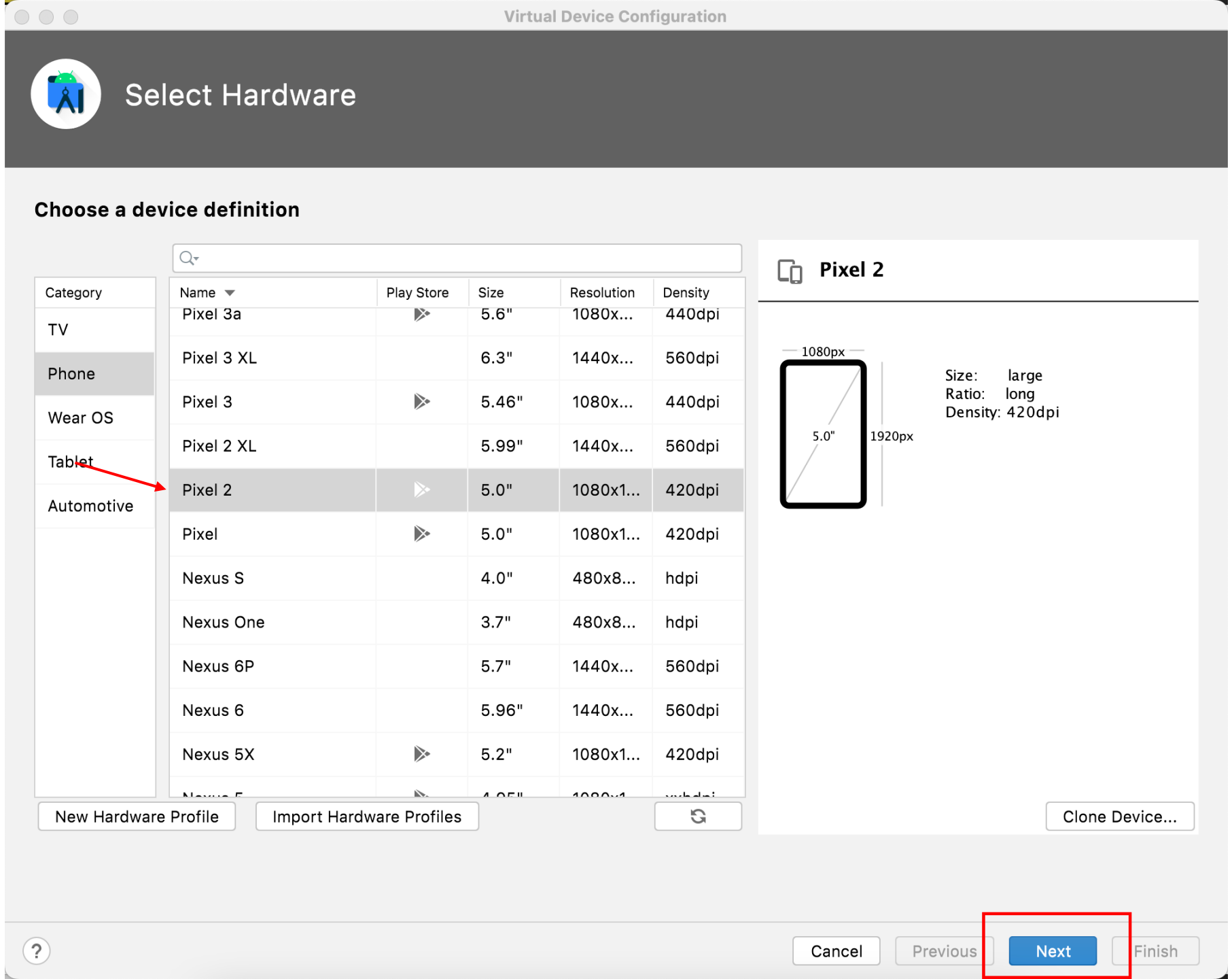


Cancel | Previous | Next | Finish


New Project
Empty Activity
Creates a new empty activity
Name
Comsemina
Package name
com.example.comsemina
Save location
/Users/chaesangmi/AndroidStudioProjects/Comsemina
Language
Java
Minimum SDK
API 21: Android 5.0 (Lollipop)
Your app will run on approximately 98.6% of devices.
Help me choose
Use legacy android.support libraries
Using legacy android.support libraries will prevent you from using the latest Play Services and Jetpack libraries
Cancel
Previous
Next
Finish


Comsemina – MainActivity.java [Comsemina.app.main]
Comsemina 〉 app 〉 src 〉 main 〉 java 〉 com 〉 example 〉 comsemina 〉 MainActivity
app
Pixel 2 API 29
Android
app
manifests
java
com.example.comsemina
MainActivity
com.example.comsemina (androidTest)
com.example.comsemina (test)
res
Gradle Scripts
MainActivity.java
1 package com.example.comsemina;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6
7 public class MainActivity extends AppCompatActivity {
8
9 @Override
10 protected void onCreate(Bundle savedInstanceState) {
11 super.onCreate(savedInstanceState);
12 setContentView(R.layout.activity_main);
13 }
14 }
Event Log
2022/07/23
11:38 오전 * daemon not running; starting now at tcp:5037
11:38 오전 * daemon started successfully
Project
Resource Manager
Structure
Favorites
Build Variants
Gradle
Device Manager
Emulator
Device File Explorer
Version Control
TODO
Problems
Logcat
Profiler
App Inspection
Terminal
Event Log
Layout Inspector
14:2 LF UTF-8 4 spaces


Comsemina – MainActivity.java [Comsemina.app.main]
Comsemina 〉 app 〉 src 〉 main 〉 java 〉 com 〉 example 〉 comsemina 〉 MainActivity
app
Pixel 2 API 29
Android
app
manifests
java
com.example.comsemina
MainActivity
com.example.comsemina (androidTest)
com.example.comsemina (test)
res
Gradle Scripts
MainActivity.java
1 package com.example.comsemina;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6
7 public class MainActivity extends AppCompatActivity {
8
9 @Override
10 protected void onCreate(Bundle savedInstanceState) {
11 super.onCreate(savedInstanceState);
12 setContentView(R.layout.activity_main);
13 }
14 }
Device Manager
Virtual
Physical
Create device
Device
API
Size on Disk
Actions
Pixel 2 API 29
Android 10.0 Goo...
29
13 GB
Pixel 3 API 29
Android 10.0 Goo...
29
9.4 GB
Event Log
2022/07/23
11:38 오전 * daemon not running; starting now at tcp:5037
11:38 오전 * daemon started successfully
Version Control
TODO
Problems
Logcat
Profiler
App Inspection
Terminal
Event Log
Layout Inspector
Run selected configuration with coverage enabled
14:2
LF
UTF-8
4 spaces


Virtual Device Configuration
Select Hardware
Choose a device definition
Category
TV
Phone
Wear OS
Tablet
Automotive
Name
Play Store
Size
Resolution
Density
Pixel 3a 5.6" 1080x... 440dpi
Pixel 3 XL 6.3" 1440x... 560dpi
Pixel 3 5.46" 1080x... 440dpi
Pixel 2 XL 5.99" 1440x... 560dpi
Pixel 2 5.0" 1080x1... 420dpi
Pixel 5.0" 1080x1... 420dpi
Nexus S 4.0" 480x8... hdpi
Nexus One 3.7" 480x8... hdpi
Nexus 6P 5.7" 1440x... 560dpi
Nexus 6 5.96" 1440x... 560dpi
Nexus 5X 5.2" 1080x1... 420dpi
Pixel 2
1080px
5.0"
1920px
Size: large
Ratio: long
Density: 420dpi
New Hardware Profile
Import Hardware Profiles
Clone Device...
Cancel
Previous
Next
Finish

Virtual Device Configuration

System Image

Select a system image

Recommended | x86 Images | Other Images

Release Name	API Level	ABI	Target
API 33 Download	33	x86_64	Android API 33 (Google APIs)
Sv2 Download	32	x86_64	Android API 32 (Google APIs)
S Download	31	x86_64	Android 12.0 (Google APIs)
S Download	31	x86_64	Android 12.0
R Download	30	x86	Android 11.0 (Google APIs AT
R Download	30	x86_64	Android 11.0 (Google Play)
R	30	x86	Android 11.0 (Google APIs)
R Download	30	x86_64	Android 11.0 (Google APIs)
R Download	30	x86_64	Android 11.0
R Download	30	x86	Android 11.0 (AOSP ATD)
Q Download	29	x86_64	Android 10.0 (Google Play)
Q Download	29	x86_64	Android 10.0 (Google APIs)
Q Download	29	x86	Android 10.0 (Google APIs)
Q Download	29	x86_64	Android 10.0
Q Download	29	x86	Android 10.0

S

API Level
31

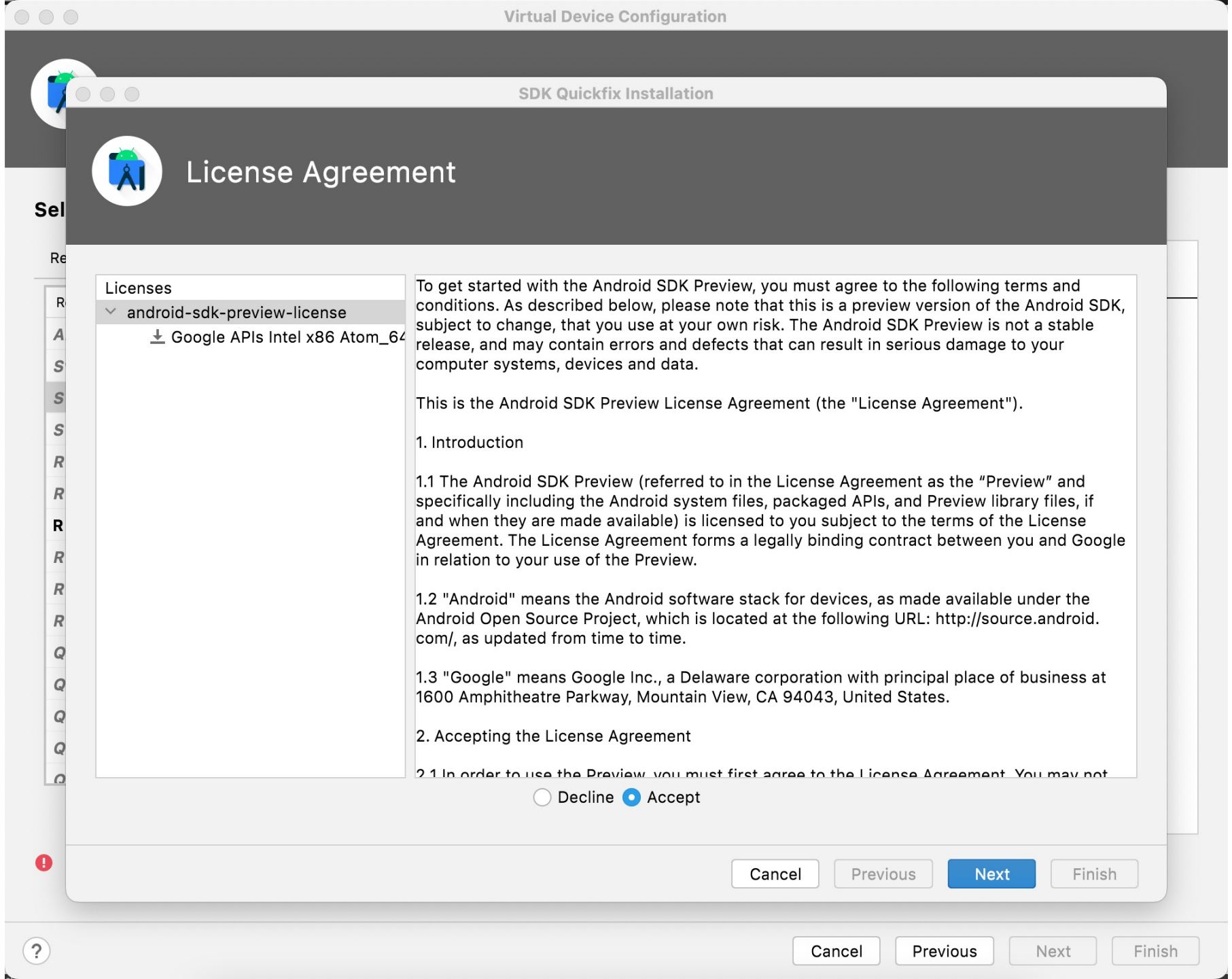
Android
12.0
Google Inc.

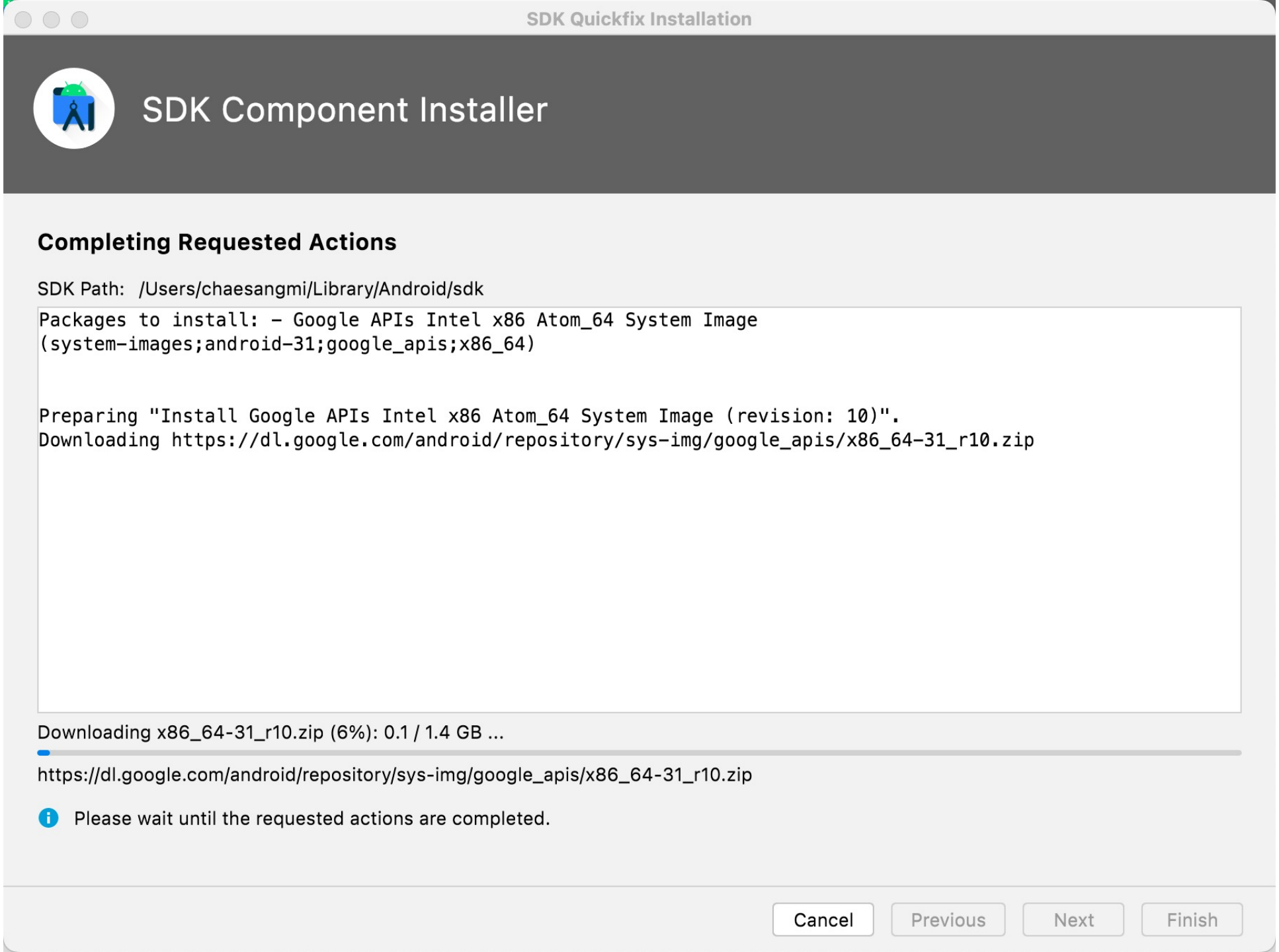
System Image
x86_64

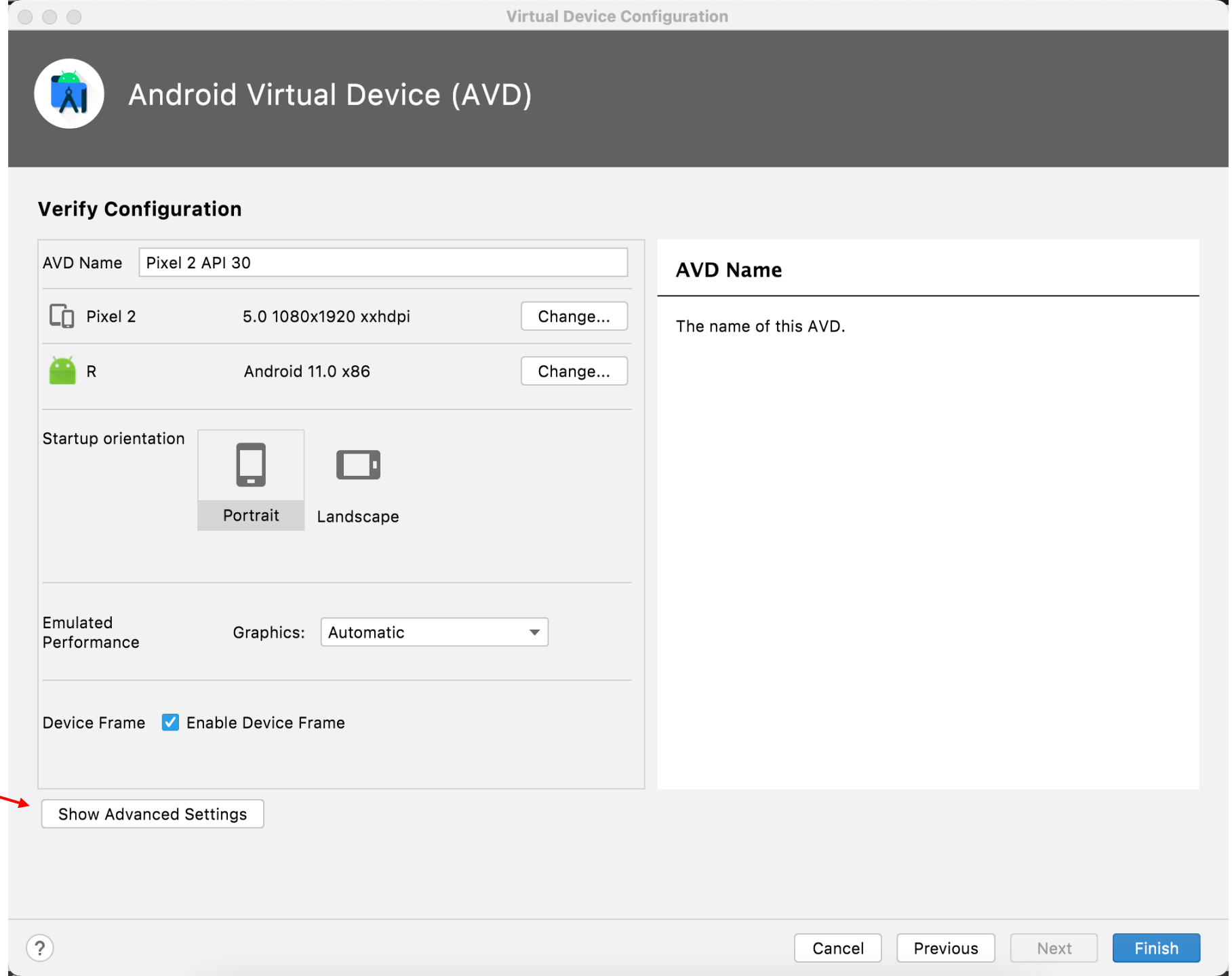
Questions on API level?
See the API level distribution chart

A system image must be selected to continue.

Cancel | Previous | Next | Finish


Virtual Device Configuration
SDK Quickfix Installation
License Agreement
Licenses
android-sdk-preview-license
Google APIs Intel x86 Atom_64
To get started with the Android SDK Preview, you must agree to the following terms and conditions. As described below, please note that this is a preview version of the Android SDK, subject to change, that you use at your own risk. The Android SDK Preview is not a stable release, and may contain errors and defects that can result in serious damage to your computer systems, devices and data.
This is the Android SDK Preview License Agreement (the "License Agreement").
1. Introduction
1.1 The Android SDK Preview (referred to in the License Agreement as the "Preview" and specifically including the Android system files, packaged APIs, and Preview library files, if and when they are made available) is licensed to you subject to the terms of the License Agreement. The License Agreement forms a legally binding contract between you and Google in relation to your use of the Preview.
1.2 "Android" means the Android software stack for devices, as made available under the Android Open Source Project, which is located at the following URL: http://source.android.com/, as updated from time to time.
1.3 "Google" means Google Inc., a Delaware corporation with principal place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, United States.
2. Accepting the License Agreement
Decline
Accept
Cancel
Previous
Next
Finish
Cancel
Previous
Next
Finish


SDK Quickfix Installation
SDK Component Installer
Completing Requested Actions
SDK Path: /Users/chaesangmi/Library/Android/sdk
Packages to install: - Google APIs Intel x86 Atom_64 System Image
(system-images;android-31;google_apis;x86_64)
Preparing "Install Google APIs Intel x86 Atom_64 System Image (revision: 10)".
Downloading https://dl.google.com/android/repository/sys-img/google_apis/x86_64-31_r10.zip
Downloading x86_64-31_r10.zip (6%): 0.1 / 1.4 GB ...
https://dl.google.com/android/repository/sys-img/google_apis/x86_64-31_r10.zip
Please wait until the requested actions are completed.
Cancel
Previous
Next
Finish


Virtual Device Configuration
Android Virtual Device (AVD)
Verify Configuration
AVD Name
Pixel 2 API 30
Pixel 2
5.0 1080x1920 xxhdpi
Change...
R
Android 11.0 x86
Change...
Startup orientation
Portrait
Landscape
Emulated Performance
Graphics:
Automatic
Device Frame
Enable Device Frame
Show Advanced Settings
AVD Name
The name of this AVD.
Cancel
Previous
Next
Finish

Virtual Device Configuration

Android Virtual Device (AVD)

Verify Configuration

AVD Name: Pixel 2 API 30

AVD Id: Pixel_2_API_30

Pixel 2 — 5.0 1080x1920 xxhdpi — Change...

R — Android 11.0 x86 — Change...

Startup orientation: Portrait | Landscape

Camera
- Front: Emulated
- Back: VirtualScene

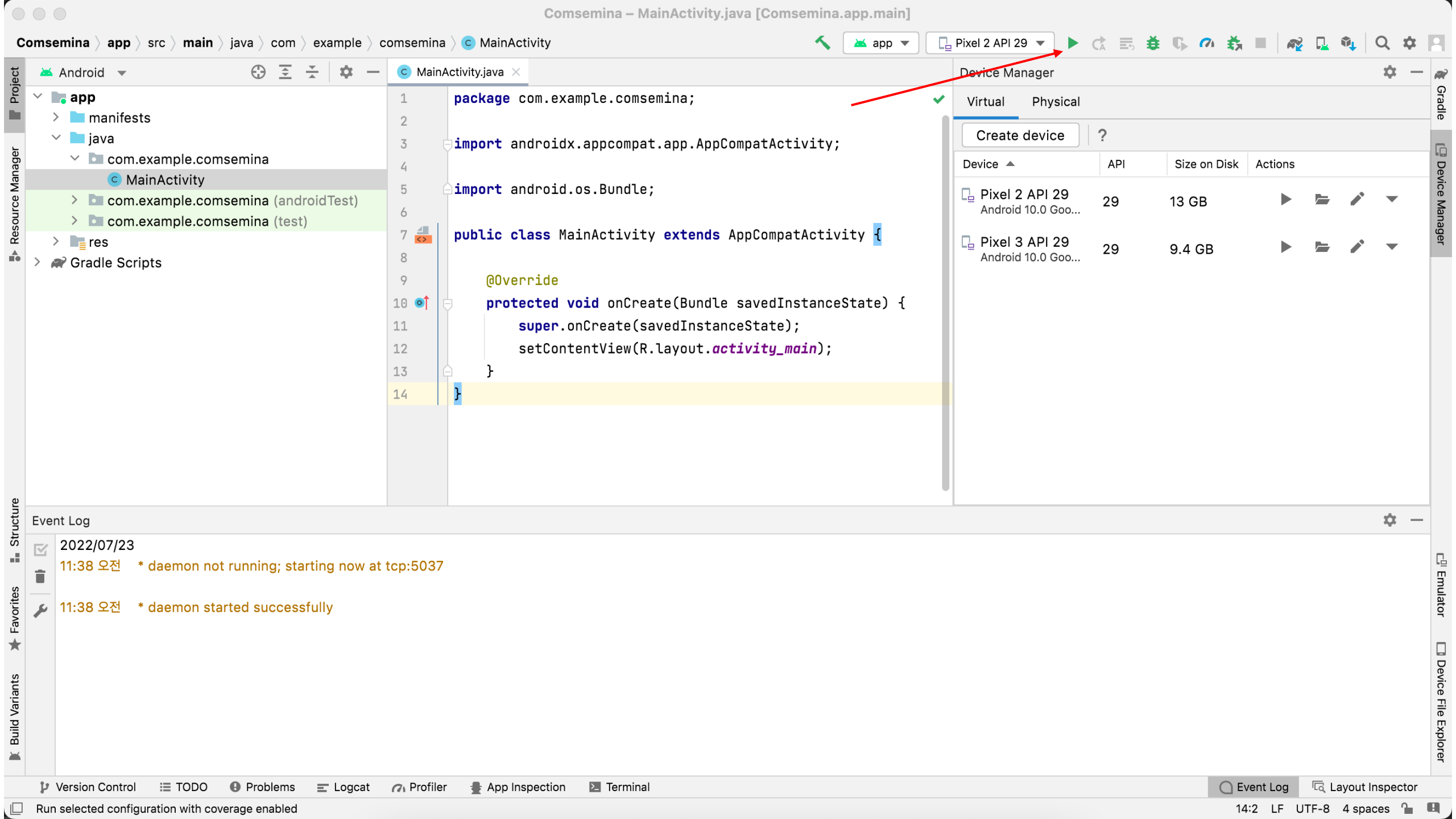
Network
- Speed: Full
- Latency: None

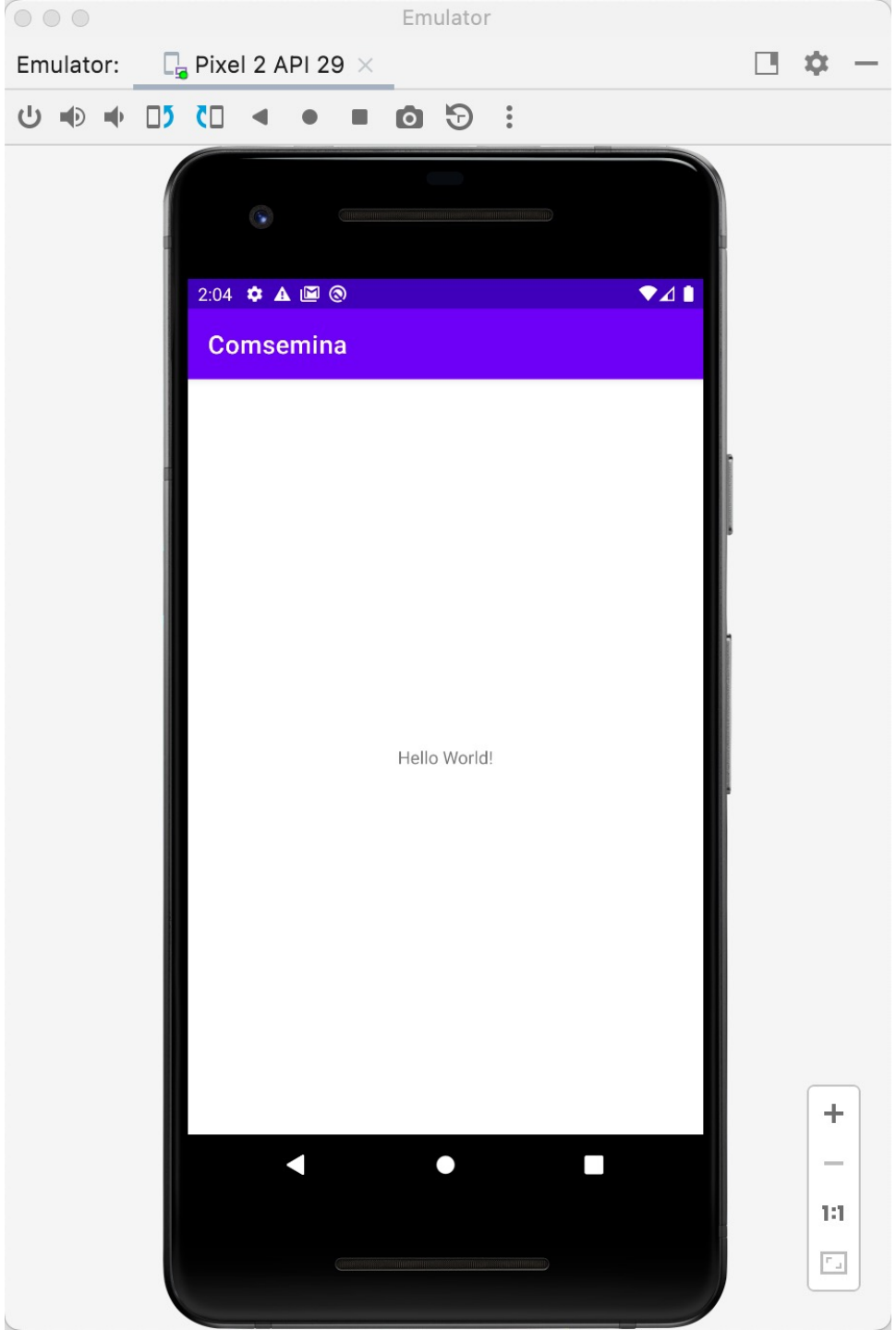
Emulated Performance
- Graphics: Automatic

Hide Advanced Settings

Nothing Selected

Cancel | Previous | Next | Finish


Comsemina – MainActivity.java [Comsemina.app.main]
Comsemina 〉 app 〉 src 〉 main 〉 java 〉 com 〉 example 〉 comsemina 〉 MainActivity
app
Pixel 2 API 29
Android
app
manifests
java
com.example.comsemina
MainActivity
com.example.comsemina (androidTest)
com.example.comsemina (test)
res
Gradle Scripts
MainActivity.java
1 package com.example.comsemina;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6
7 public class MainActivity extends AppCompatActivity {
8
9 @Override
10 protected void onCreate(Bundle savedInstanceState) {
11 super.onCreate(savedInstanceState);
12 setContentView(R.layout.activity_main);
13 }
14 }
Device Manager
Virtual
Physical
Create device
Device
API
Size on Disk
Actions
Pixel 2 API 29
Android 10.0 Goo...
29
13 GB
Pixel 3 API 29
Android 10.0 Goo...
29
9.4 GB
Event Log
2022/07/23
11:38 오전 * daemon not running; starting now at tcp:5037
11:38 오전 * daemon started successfully
Project
Resource Manager
Structure
Favorites
Build Variants
Gradle
Device Manager
Emulator
Device File Explorer
Version Control
TODO
Problems
Logcat
Profiler
App Inspection
Terminal
Event Log
Layout Inspector
Run selected configuration with coverage enabled
14:2
LF
UTF-8
4 spaces


Emulator
Emulator:
Pixel 2 API 29
2:04
Comsemina
Hello World!
1:1

설치완료