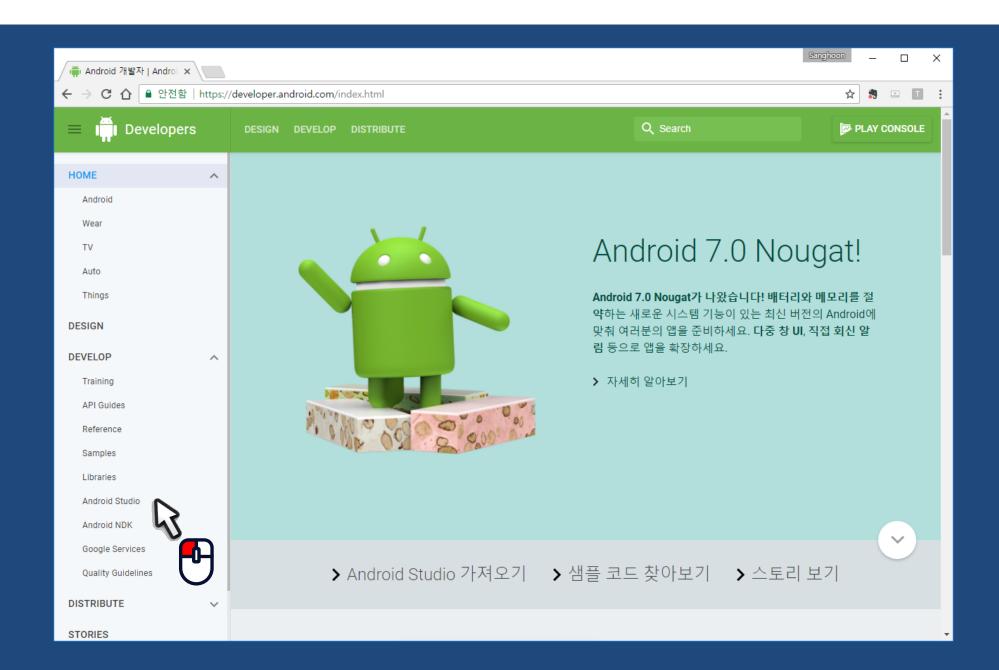


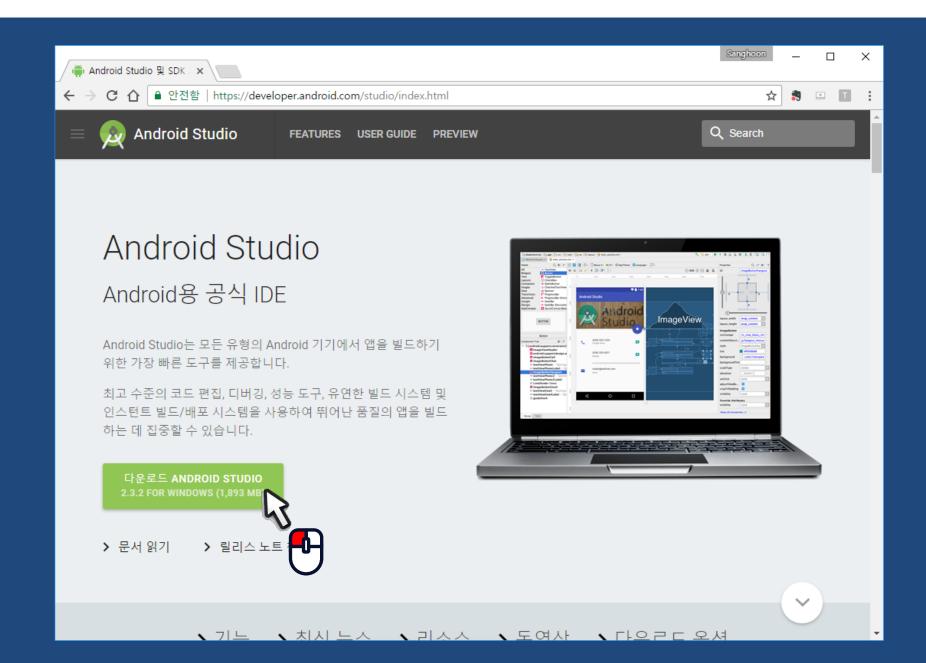
Copyright © 2018 by Jeongho Suh

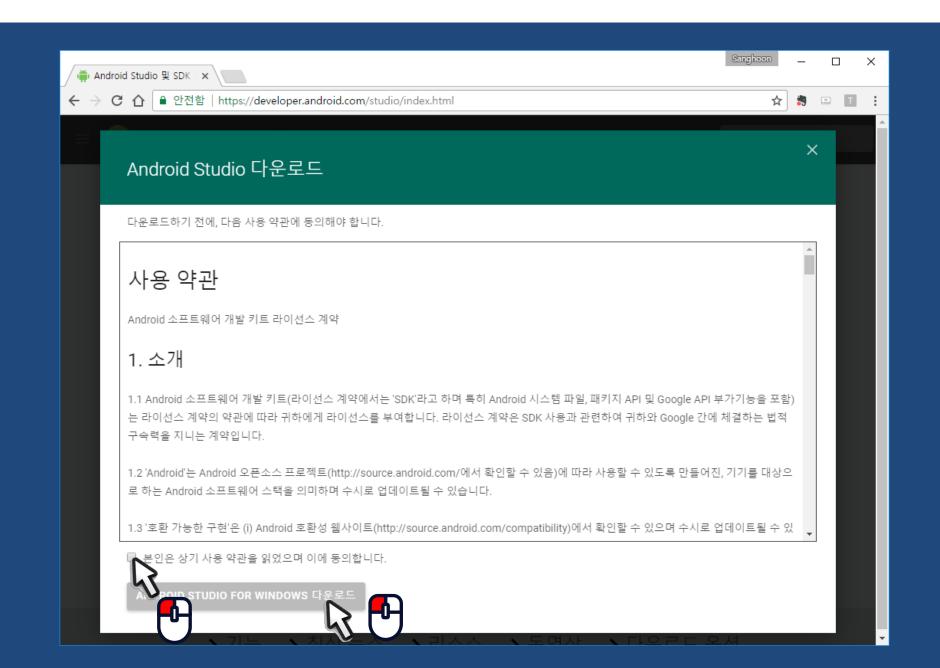
All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying,

This slide is dedicated to seg group project prior to learn basic android set up and please note that some pictures may be used from other websites.

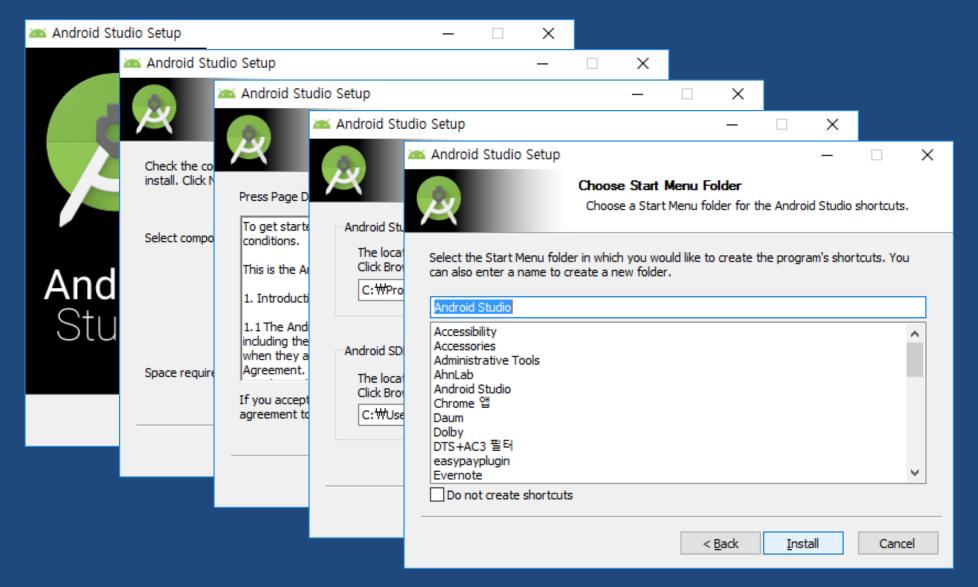
- Android developer homepage
- developer.android.com
- Develop -> Android Studio link

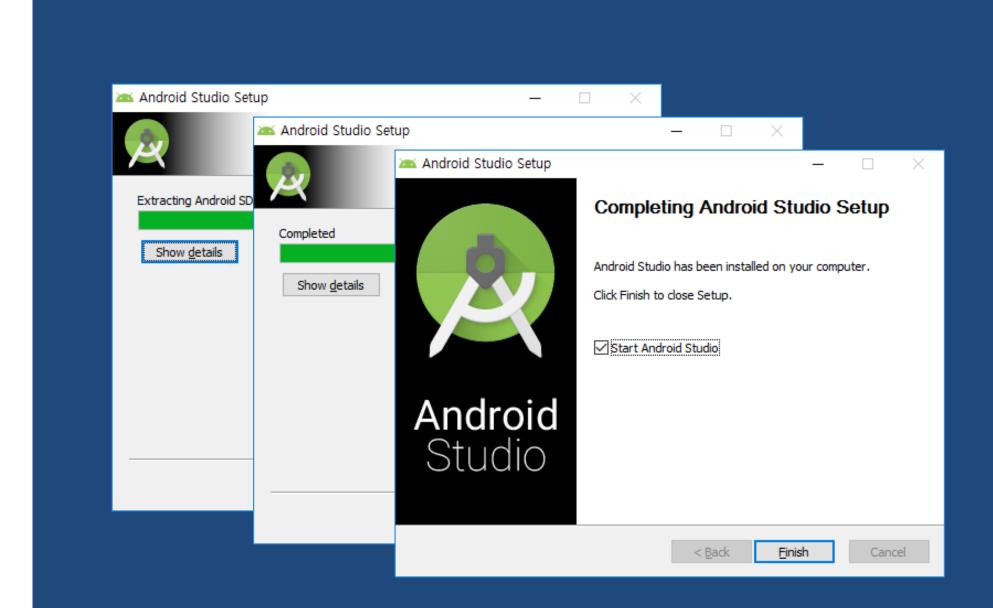


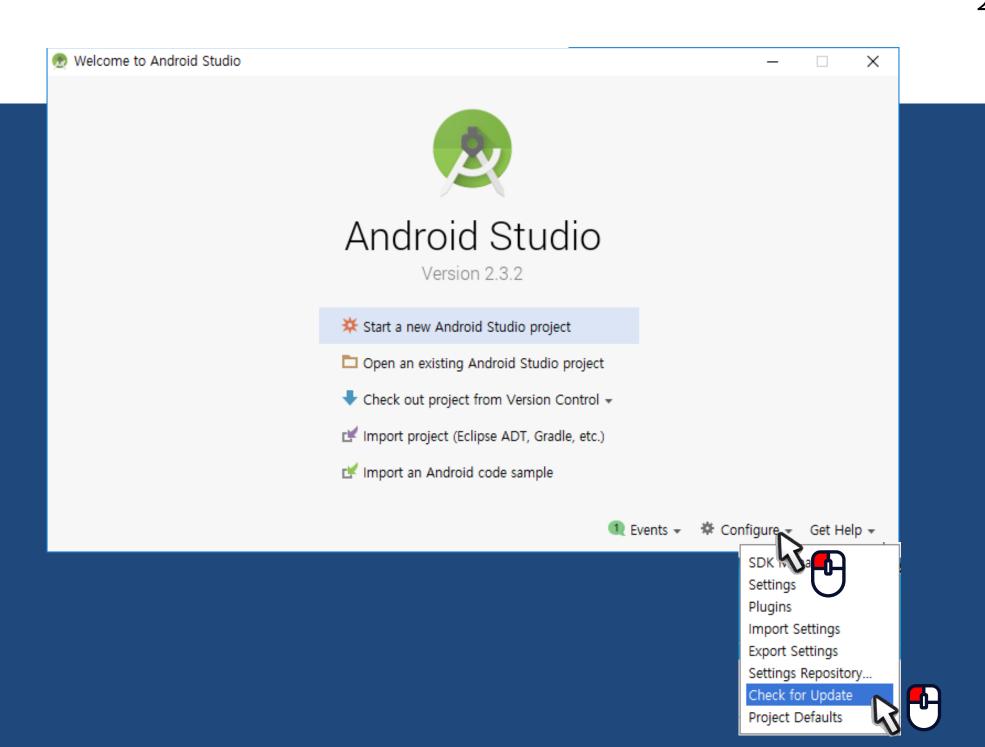




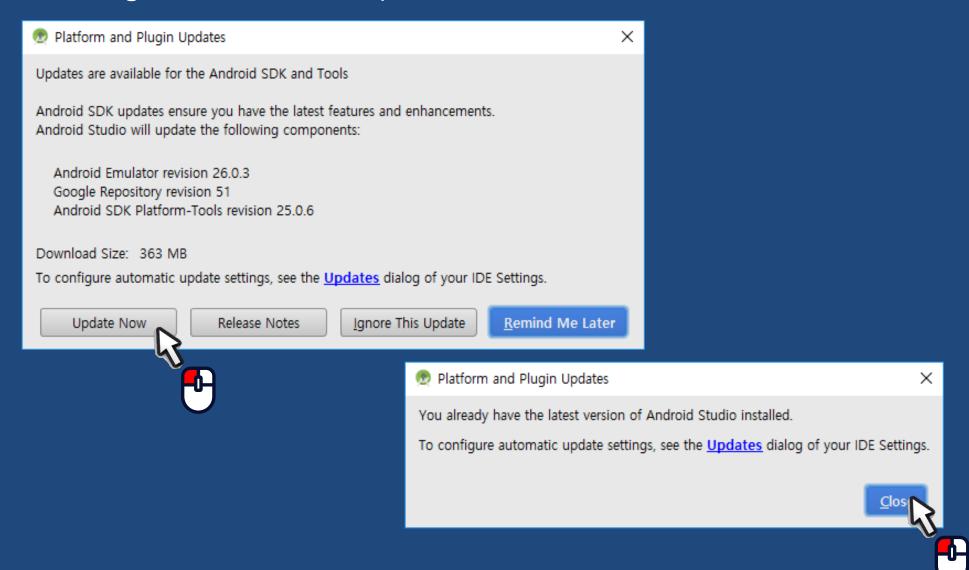
• android-studio-bundle-162.3934792-windows.exe 파일 실행







Configure -> Check for Update



×



Licenses

android-sdk-license

▲ Google Repository

Android Emulator

Android SDK Platform-Tools

Terms and Conditions

This is the Android Software Development Kit License Agreement

- 1. Introduction
- 1.1 The Android Software Development Kit (referred to in the License Agreement as the "SDK" and specifically including the Android system files, packaged APIs, and Google APIs add-ons) 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 SDK.
- 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 A "compatible implementation" means any Android device that (i) complies with the Android Compatibility Definition document, which can be found at the Android compatibility website (http://source.android.com/compatibility) and which may be updated from time to time; and (ii) successfully passes the Android Compatibility Test Suite (CTS).
- 1.4 "Google" means Google Inc., a Delaware corporation with principal place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, United States.

Decline







Finish

X



Installing Requested Components

SDK Path: C:\Users\shchoi82\AppData\Local\Android\Sdk "Install Android SDK Platform-Tools (revision: 25.0.6)" ready. Finishing "Install Google Repository (revision: 51)" Running patcher... Patch applied. Done "Install Google Repository (revision: 51)" complete. "Install Google Repository (revision: 51)" finished. Finishing "Install Android Emulator (revision: 26.0.3)" Running patcher... Patch applied. Done "Install Android Emulator (revision: 26.0.3)" complete. "Install Android Emulator (revision: 26.0.3)" finished. Finishing "Install Android SDK Platform-Tools (revision: 25.0.6)" Stopping ADB... Running patcher... Patching Android SDK Platform-Tools Version 25.0.5 to Android SDK Platform-Tools Version 25.0.6

systrace/catapult/telemetry/docs/pydoc/telemetry.internal.backends.mandoline.html

Please wait until the installation finishes

Background

Previous

Next

Cancel

Finish



Installing Requested Components

SDK Path: C:\Users\shchoi82\AppData\Local\Android\Sdk

Patch applied.

Done

"Install Google Repository (revision: 51)" complete.

"Install Google Repository (revision: 51)" finished.

Finishing "Install Android Emulator (revision: 26.0.3)"

Running patcher...

Patch applied.

Done

"Install Android Emulator (revision: 26.0.3)" complete.

"Install Android Emulator (revision: 26.0.3)" finished.

Finishing "Install Android SDK Platform-Tools (revision: 25.0.6)"

Stopping ADB...

Running patcher...

Patch applied.

Done

"Install Android SDK Platform-Tools (revision: 25.0.6)" complete.

"Install Android SDK Platform-Tools (revision: 25.0.6)" finished.

Done

Background

Previous

Next

Cancel

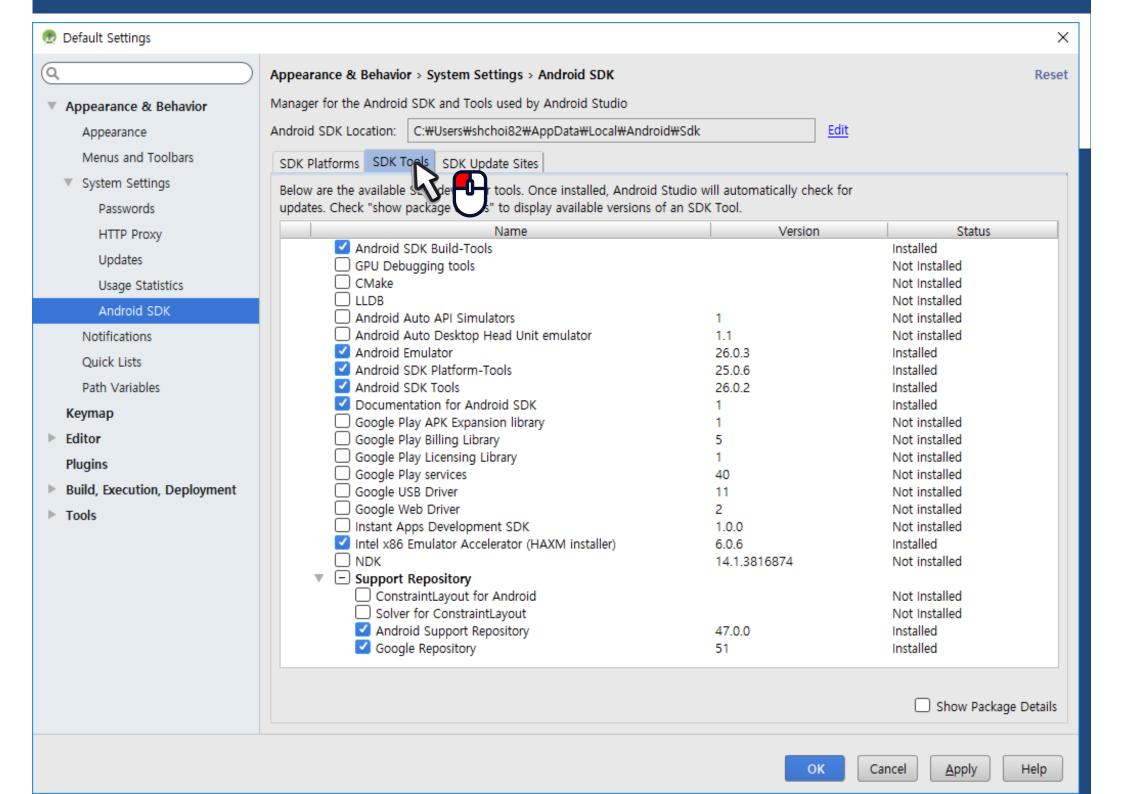
<u>F</u>inish

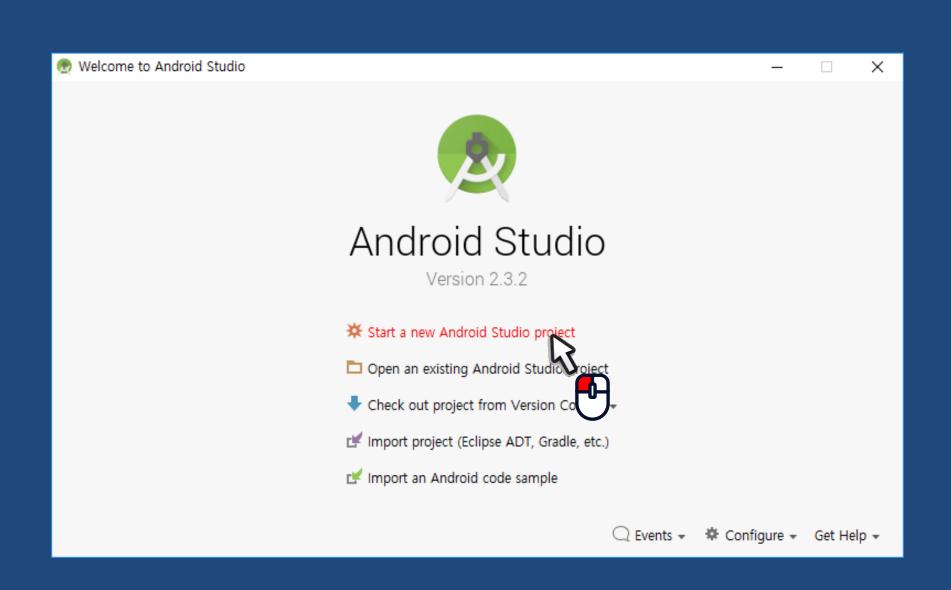


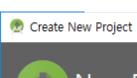
Cancel

Apply

Help







New Project

Configure your new project

Application name: My Application

Company domain:	shchoi82.example.com	
Package name:	com.example.shchoi82.myapplication	Edit

☐ Include C++ support

Project location: C:\Users\shchoi82\AndroidStudioProjects\MyApplication





Select the form factors your app will run on

Different platforms may require separate SDKs

V	✓ Phone and Tablet								
	Minimum SDK	API 15: Android 4.0.3 (IceCreamSandwich)	T						
		Lower API levels target more devices, but have fewer features available.							
		By targeting API 15 and later, your app will run on approximately 97.4% of the devices that are active on the Google Play Store.							
		Help me choose							
	Wear								
	Minimum SDK	API 21: Android 5.0 (Lollipop)	T						
	TV								
	Minimum SDK	API 21: Android 5.0 (Lollipop)	T						
	Android Auto								







Installing Requested Components

SDK Path: C:\Users\shchoi82\AppData\Local\Android\Sdk

Downloading https://dl.google.com/android/repository/com.android.support.constraint-constraint-layout-1.0.2.zip

"Install ConstraintLayout for Android 1.0.2 (revision: 1)" ready.

Finishing "Install ConstraintLayout for Android 1.0.2 (revision: 1)"

Installing ConstraintLayout for Android 1.0.2 in C:#Users#shchoi82#AppData#Local#Android#Sdk#extras#m2repository#com#android##support#constraint#constraint-layout#1.0.2

"Install ConstraintLayout for Android 1.0.2 (revision: 1)" complete.

"Install ConstraintLayout for Android 1.0.2 (revision: 1)" finished.

Parsing C:#Users#shchoi82#AppData#Local#Android#Sdk#add-ons#addon-google_apis-google-24#package.xml

Parsing C:#Users#shchoi82#AppData#Local#Android#Sdk#build-tools#25.0.2#package.xml

Parsing C:\Users\shchoi82\AppData\Local\Android\Sdk\build-tools\25.0.3\package.xml

Parsing C:\Users\shchoi82\AppData\LocaI\Android\Sdk\docs\package.xmI

Parsing C:#Users#shchoi82#AppData#Local#Android#Sdk#emulator#package.xml

Parsing C:#Users#shchoi82#AppData#Local#Android#Sdk#extras#android#m2repository#package.xml

Parsing C:#Users#shchoi82#AppData#Loca!#Android#Sdk#extras#goog!e#m2repository#package.xm!

Parsing C:#Users#shchoi82#AppData#Loca!#Android#Sdk#extras#inte!#Hardware_Acce!erated_Execution_Manager#package.xm!

Parsing C:\Users\shchoi82\AppData\Loca|\Android\Sdk\extras\m2repository\com\android\support\constraint\constraint\constraint-layout-so|ver\1.0.2\package.xm|

Parsing C:#Users#shchoi82#AppData#Loca!#Android#Sdk#extras#m2repository#com#android#support#constraint#constraint-layout#1.0.2#package.xml

Parsing C:\Users\shchoi82\AppData\LocaI\Android\Sdk\patcher\v4\package.xmI

Parsing C:#Users#shchoi82#AppData#Local#Android#Sdk#platform-tools#package.xml

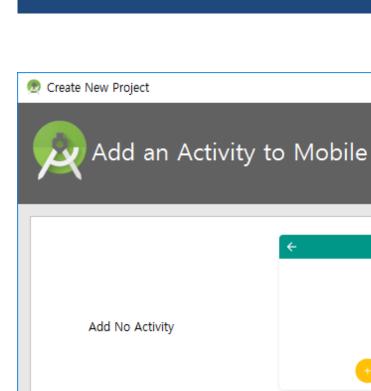
Parsing C:#Users\shchoi82\AppData\Local\Android\Sdk\platforms\android-25\package.xml

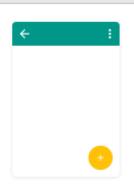
Parsing C:\Users\shchoi82\AppData\LocaI\Android\Sdk\sources\android-25\package.xmI

Parsing C:#Users#shchoi82#AppData#Local#Android#Sdk#system-images#android-25#google_apis#x86#package.xml

Done

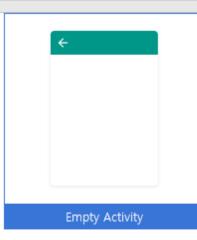






Basic Activity







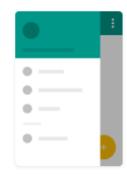
Fullscreen Activity











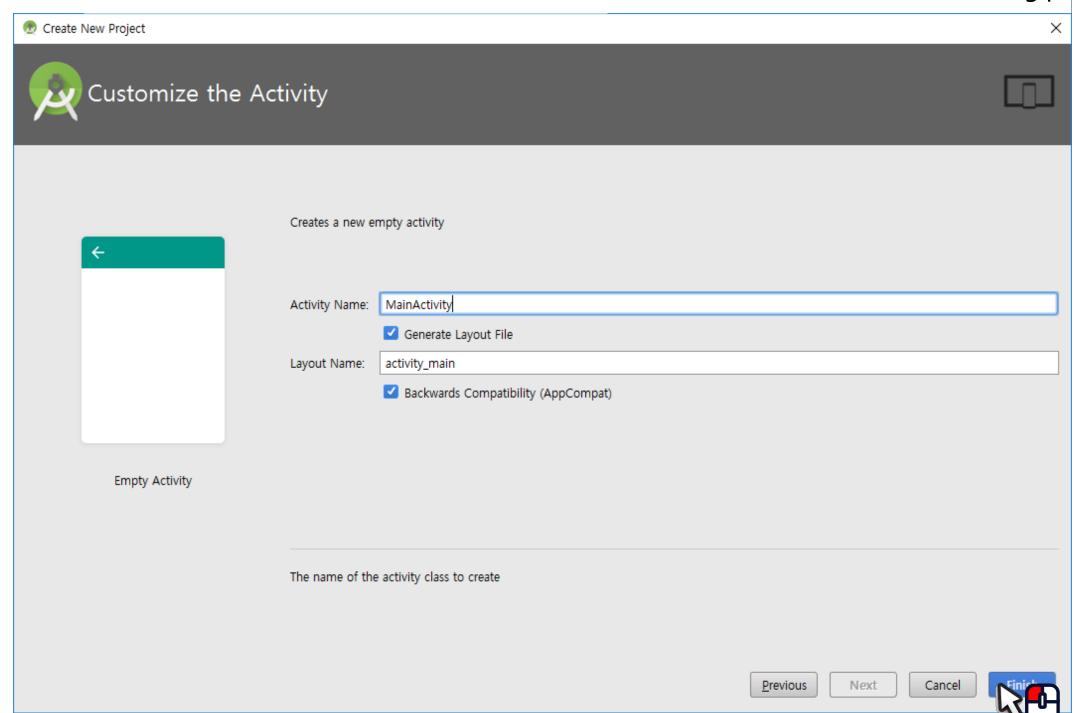
Google AdMob Ads Activity

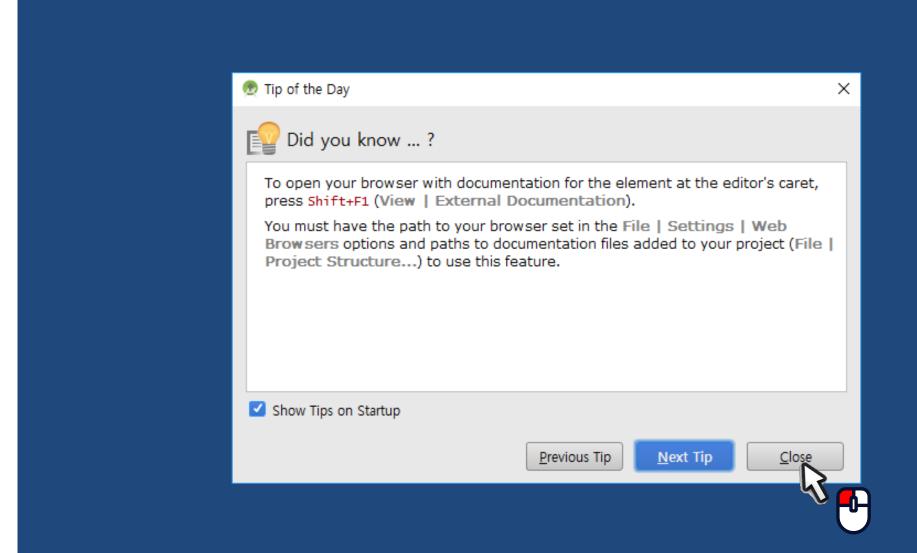
Google Maps Activity

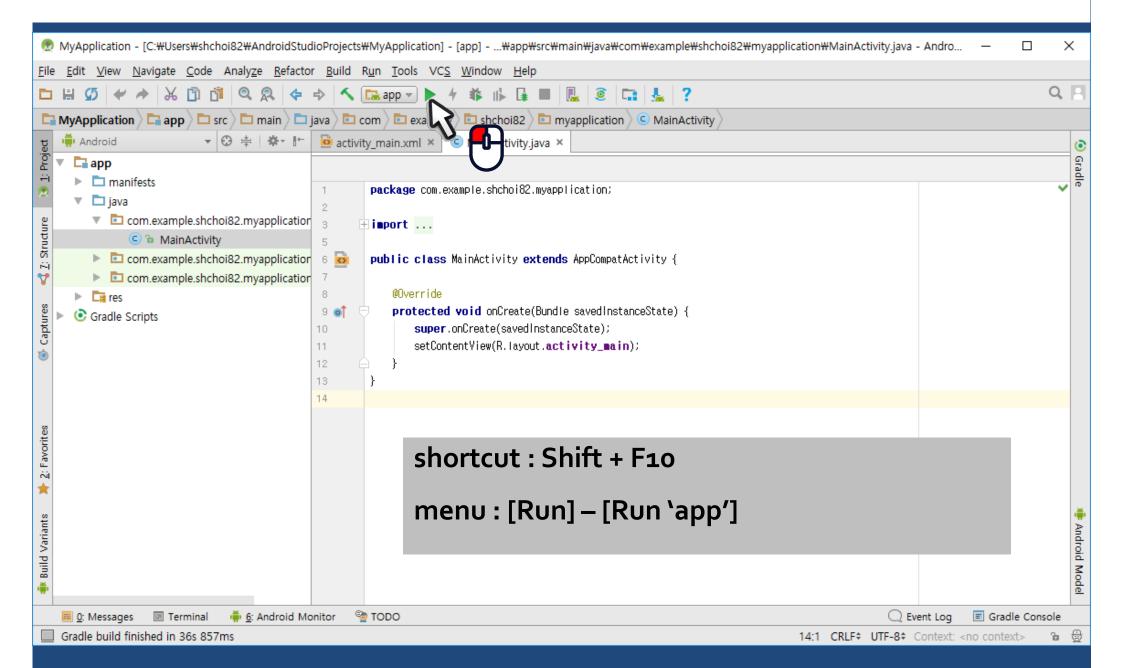
Login Activity

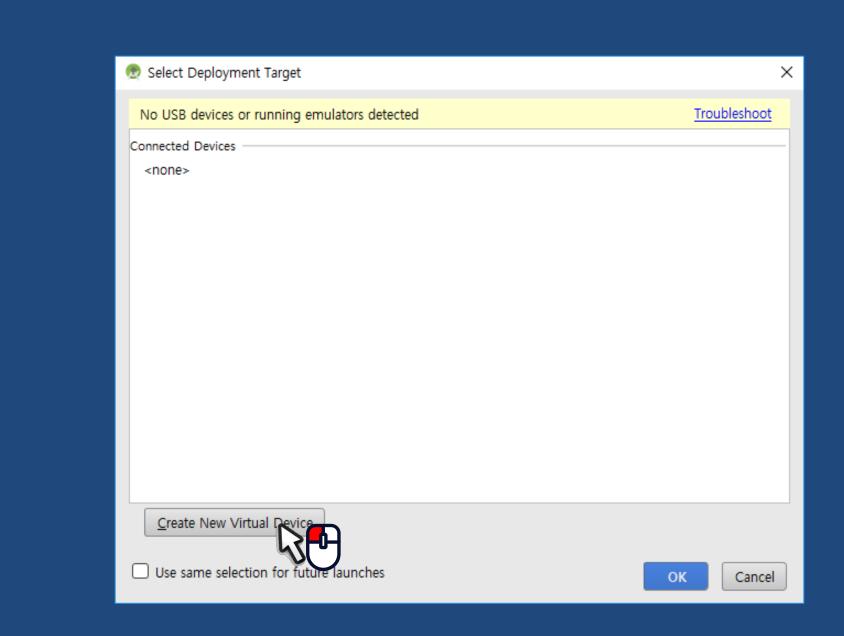
Master/Detail Flow

Navigation Drawer Activity







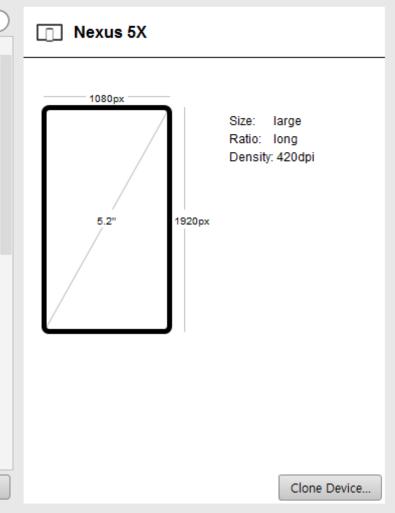


X



Choose a device definition

	Q+				
Category	Name ▼	Play Store	Size	Resolution	Density
TV	Pixel XL		5.5"	1440x2560	560dpi
Wear	Pixel		5.0"	1080x1920	xxhdpi
Phone	Nexus S		4.0"	480x800	hdpi
Tablet	Nexus One		3.7"	480x800	hdpi
	Nexus 6P		5.7"	1440x2560	560dpi
	Nexus 6		5.96"	1440x2560	560dpi
	Nexus 5X	2	5.2"	1080x1920	420dpi
	Nexus 5	2	4.95"	1080x1920	xxhdpi
	Nexus 4		4.7"	768x1280	xhdpi
	Galaxy Nexus		4.65"	720x1280	xhdpi
	5.4" FWVGA		5.4"	480x854	mdpi
New Hardware Pr	rofile Import Hardwa	are Profiles	1		Q.



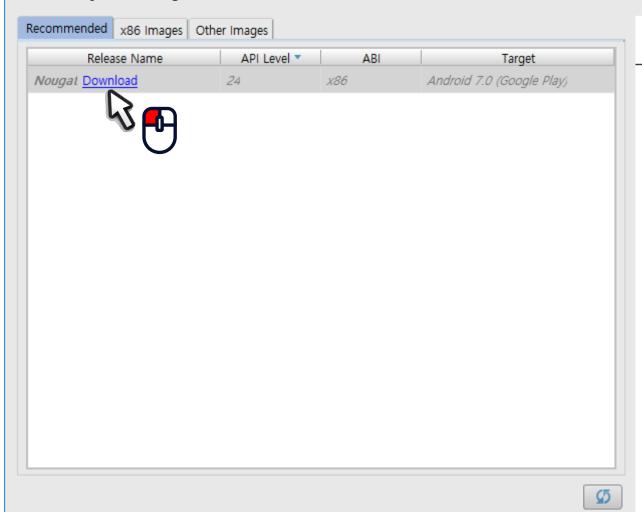


Finish

Help



Select a system image







API Level

24

Android

7.0

Google Inc.

System Image

x86

We recommend these Google Play images because this device is compatible with Google Play.

Questions on API level?

See the API level distribution chart

A system image must be selected to continue.

<u>Previous</u>

Next

Cancel

Finish

Help

X



Installing Requested Components

SDK Path: C:\Users\shchoi82\AppData\Local\Android\Sdk

To install:

- Google Play Intel x86 Atom System Image (system-images;android-24;google_apis_playstore;x86)

Preparing "Install Google Play Intel x86 Atom System Image (revision: 12)".

Downloading https://dl.google.com/android/repository/sys-img/google_apis_playstore/x86-24_r12.zip

Downloading...

https://dl.google.com/android/repository/sys-img/google_apis_playstore/x86-24_r12.zip

Please wait until the installation finishes

Previous

Next

Cancel

Finish

×



Installing Requested Components

SDK Path: C:\Users\shchoi82\AppData\Local\Android\Sdk

To install:

- Google Play Intel x86 Atom System Image (system-images;android-24;google_apis_playstore;x86)

Preparing "Install Google Play Intel x86 Atom System Image (revision: 12)".

Downloading https://dl.google.com/android/repository/sys-img/google_apis_playstore/x86-24_r12.zip

"Install Google Play Intel x86 Atom System Image (revision: 12)" ready.

Finishing "Install Google Play Intel x86 Atom System Image (revision: 12)"

Installing Google Play Intel x86 Atom System Image in

C:#Users#shchoi82#AppData#Local#Android#Sdk#system-images#android-24#google_apis_playstore#x86

"Install Google Play Intel x86 Atom System Image (revision: 12)" complete.

"Install Google Play Intel x86 Atom System Image (revision: 12)" finished.

Done





Next

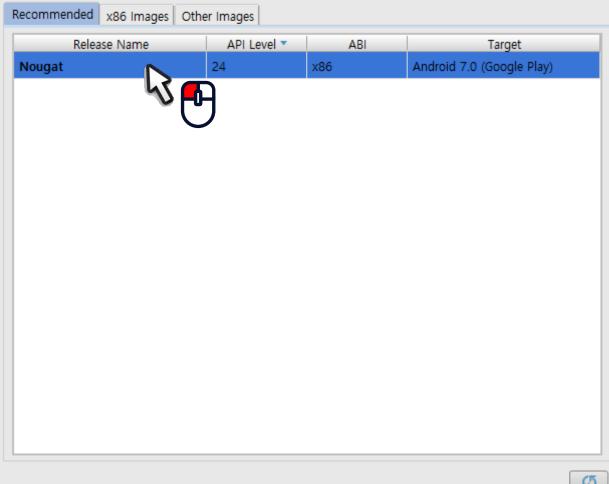




Х



Select a system image







API Level

Android

7.0

Google Inc.

System Image

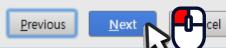
x86

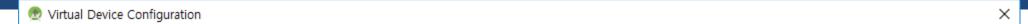
We recommend these Google Play images because this device is compatible with Google Play.

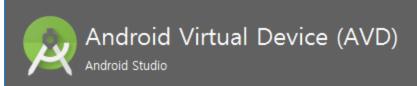
Questions on API level?

See the API level distribution chart

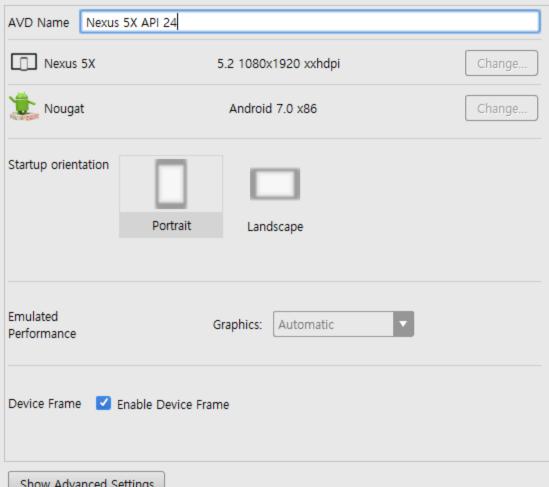








Verify Configuration



AVD Name

The name of this AVD.

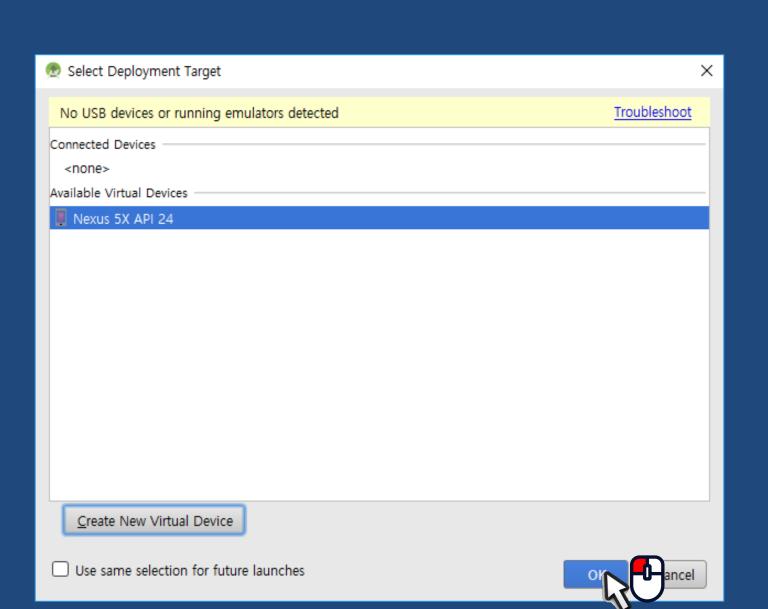
Show Advanced Settings

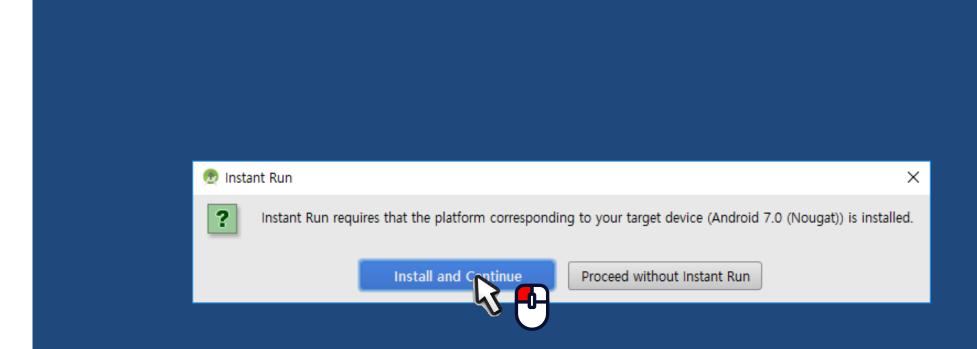
Previous Previous

<u>C</u>ancel

Next







Х



Installing Requested Components

SDK Path: C:\Users\shchoi82\AppData\Local\Android\Sdk

To install:

- Android SDK Platform 24 (platforms;android-24)

Preparing "Install Android SDK Platform 24 (revision: 2)".

Downloading https://dl.google.com/android/repository/platform-24_r02.zip

Downloading...

https://dl.google.com/android/repository/platform-24_r02.zip

Please wait until the installation finishes

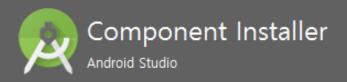
Previous

Next

<u>C</u>ancel

Finish

X



Installing Requested Components

SDK Path: C:\Users\shchoi82\AppData\Local\Android\Sdk

To install:

- Android SDK Platform 24 (platforms;android-24)

Preparing "Install Android SDK Platform 24 (revision: 2)".

Downloading https://dl.google.com/android/repository/platform-24_r02.zip

"Install Android SDK Platform 24 (revision: 2)" ready.

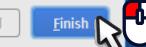
Finishing "Install Android SDK Platform 24 (revision: 2)"

Installing Android SDK Platform 24 in C:#Users#shchoi82#AppData#Local#Android#Sdk#platforms#android-24

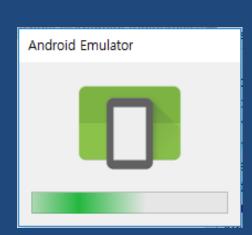
"Install Android SDK Platform 24 (revision: 2)" complete.

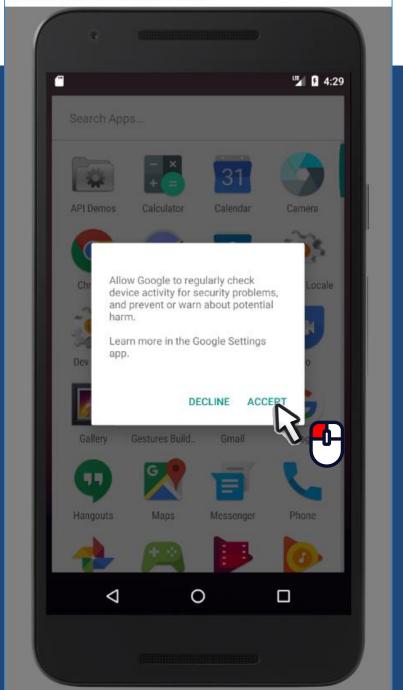
"Install Android SDK Platform 24 (revision: 2)" finished.

Done

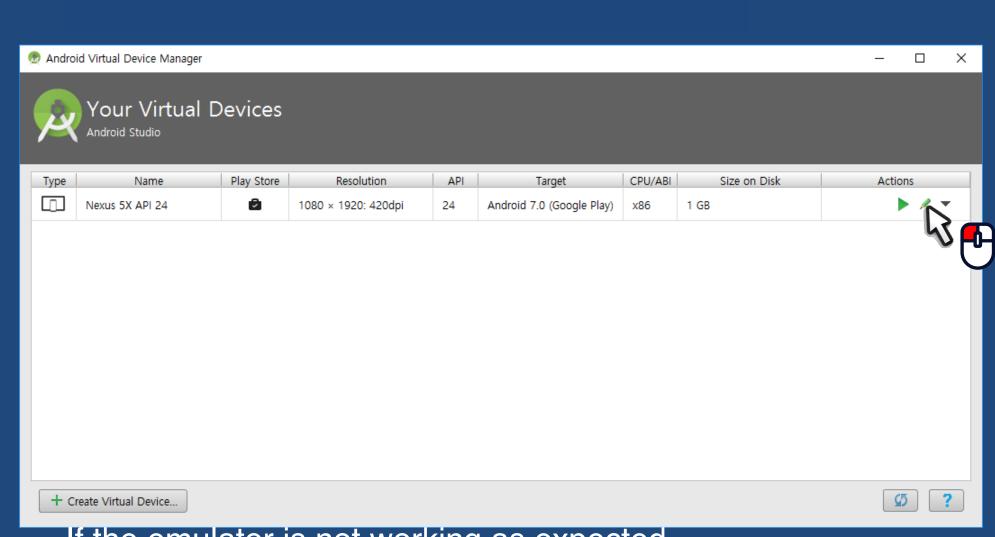


Android Emulator - Nexus_5X_API_24:5554





Android Emulator - Nexus_5X_API_24:5554 My Application Hello World! ∇ 0



If the emulator is not working as expected • [Graphics] change to SW