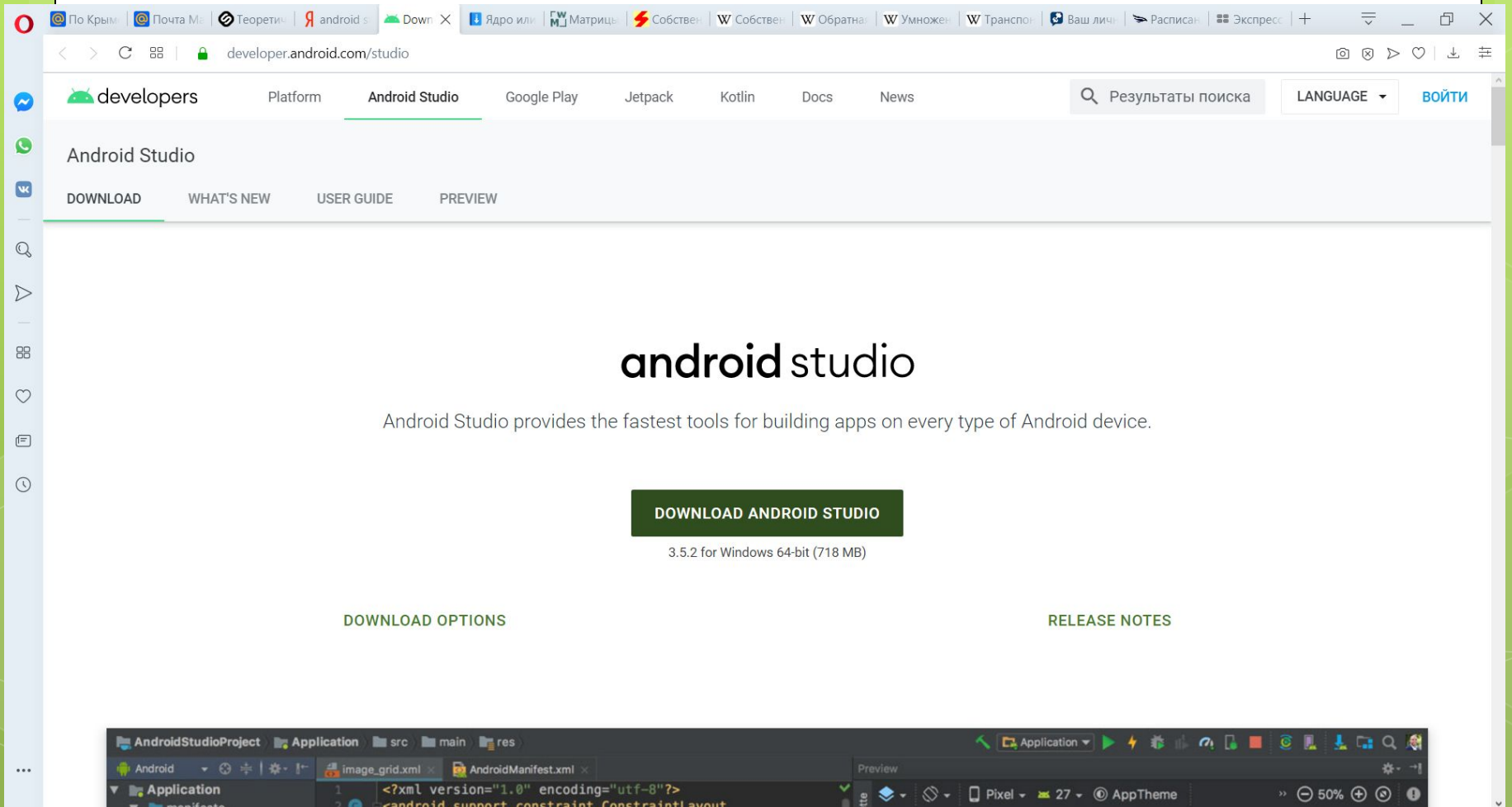


# УСТАНОВКА Android studio

---

# Developer.android.com/studio



Download Android Studio

Before downloading, you must agree to the following terms and conditions.

### 8. Using Android APIs

#### 8.1 Google Data APIs

8.1.1 If you use any API to retrieve data from Google, you acknowledge that the data may be protected by intellectual property rights which are owned by Google or those parties that provide the data (or by other persons or companies on their behalf). Your use of any such API may be subject to additional Terms of Service. You may not modify, rent, lease, loan, sell, distribute or create derivative works based on this data (either in whole or in part) unless allowed by the relevant Terms of Service.

8.1.2 If you use any API to retrieve a user's data from Google, you acknowledge and agree that you shall retrieve data only with the user's explicit consent and only when, and for the limited purposes for which, the user has given you permission to do so. If you use the Android Recognition Service API, documented at the following URL: <https://developer.android.com/reference/android/speech/RecognitionService>, as updated from time to time, you acknowledge that the use of the API is subject to the Data Processing Addendum for Products where Google is a Data Processor, which is located at the following URL: <https://privacy.google.com/businesses/gdprprocessorterms/>, as updated from time to time. By clicking to accept, you hereby agree to the terms of the Data Processing Addendum for Products where Google is a Data Processor.

### 9. Terminating this License Agreement

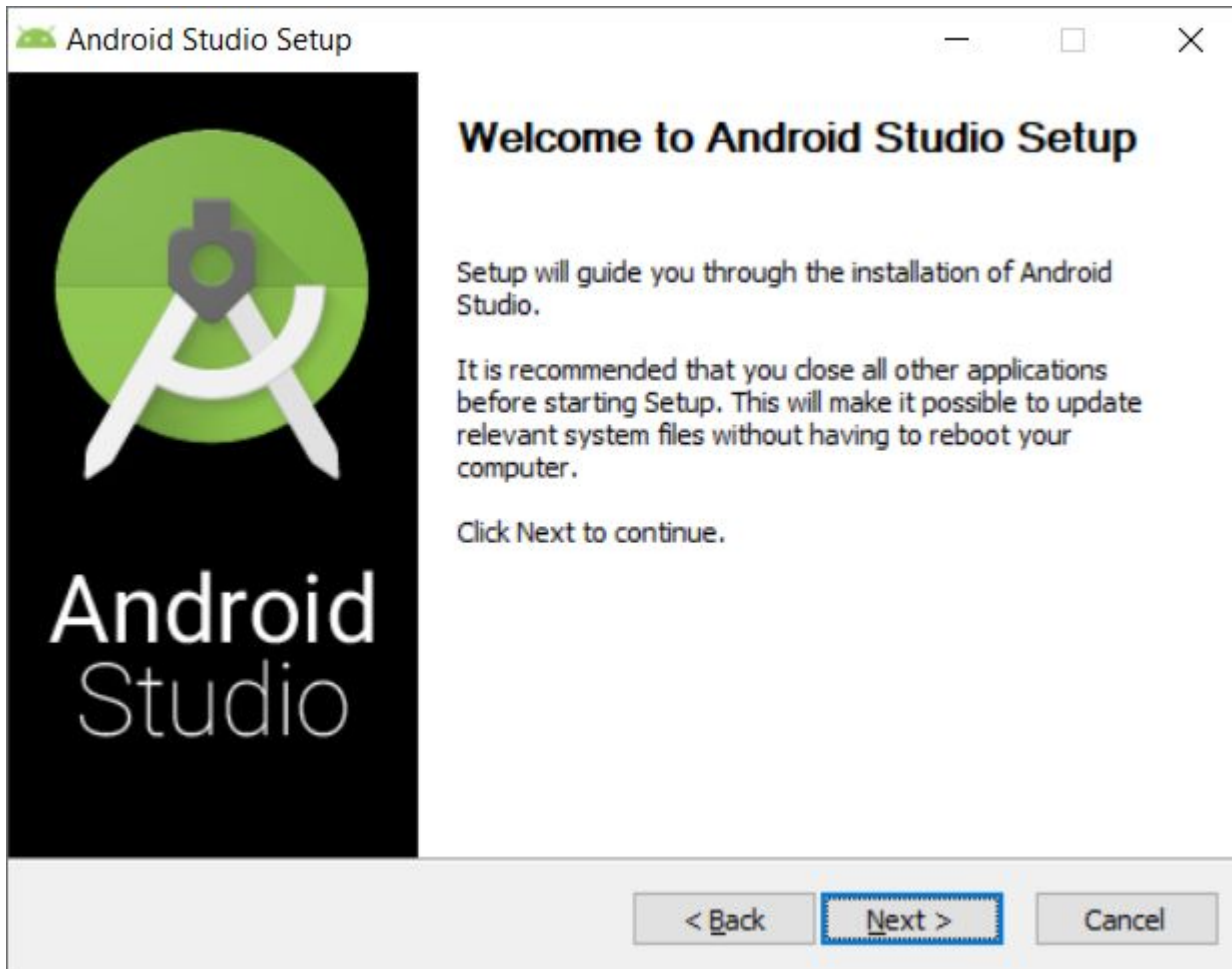
9.1 The License Agreement will continue to apply until terminated by either you or Google as set out below.

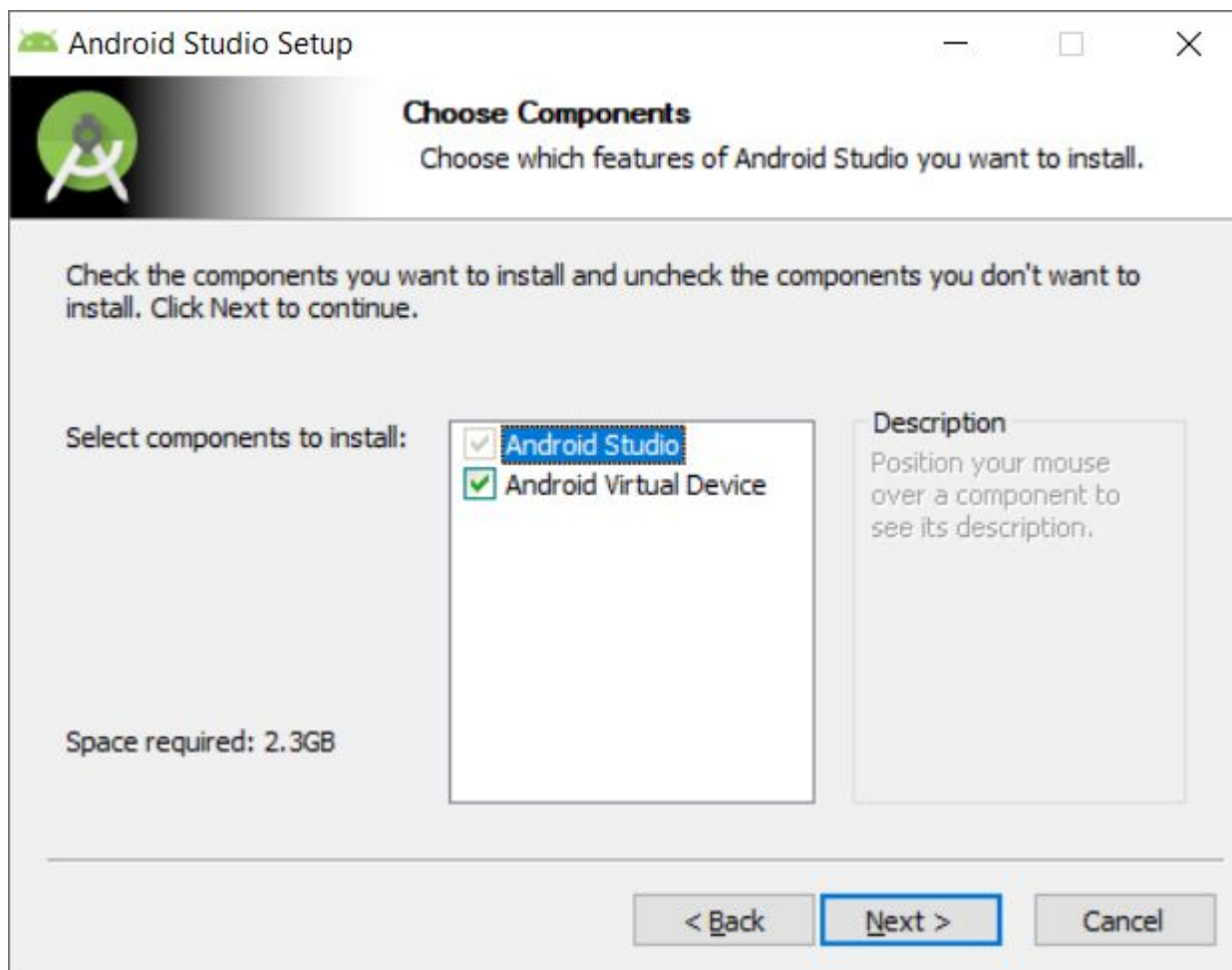
9.2 If you want to terminate the License Agreement, you may do so by ceasing your use of the SDK and any relevant developer credentials.

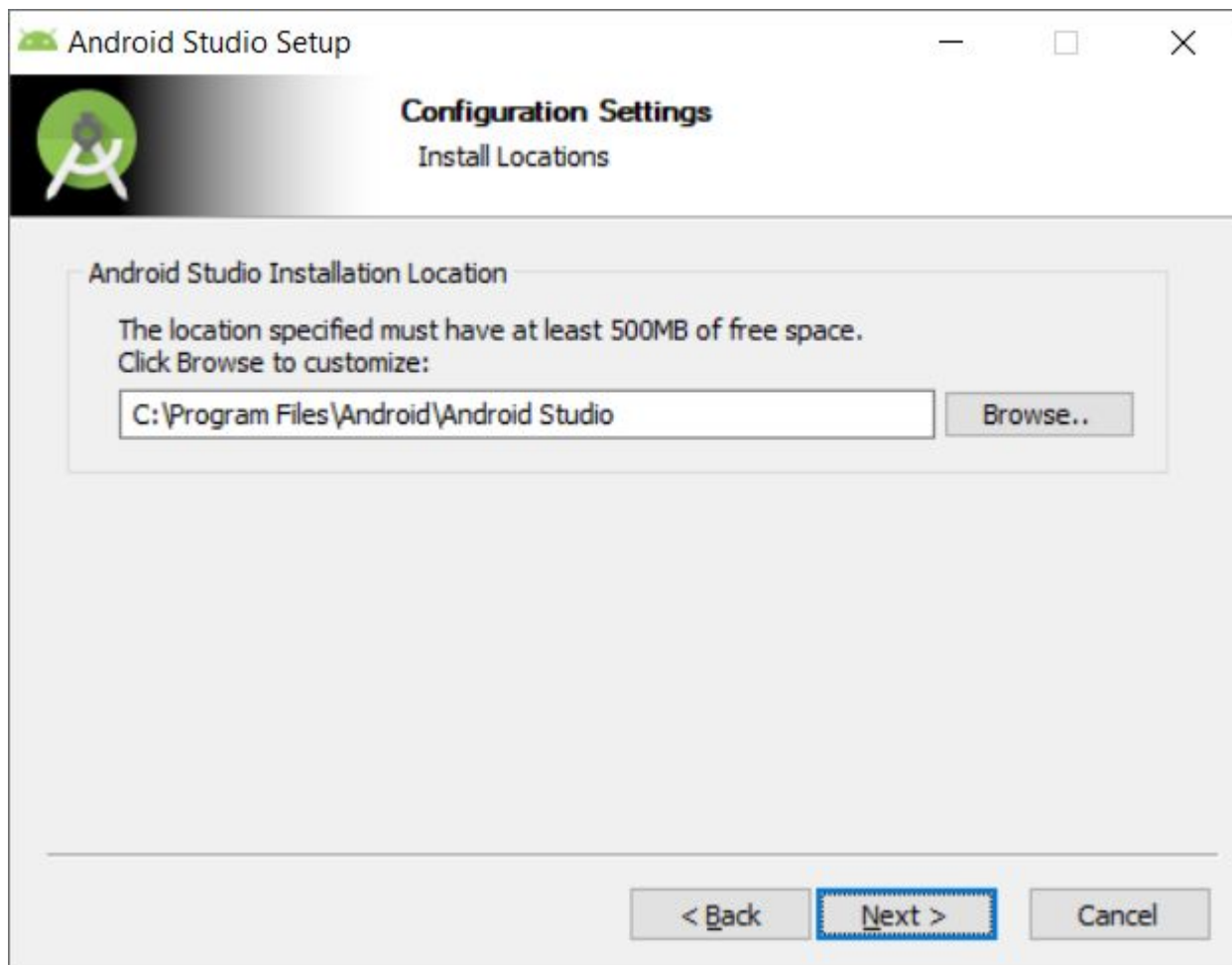
☒ I have read and agree with the above terms and conditions

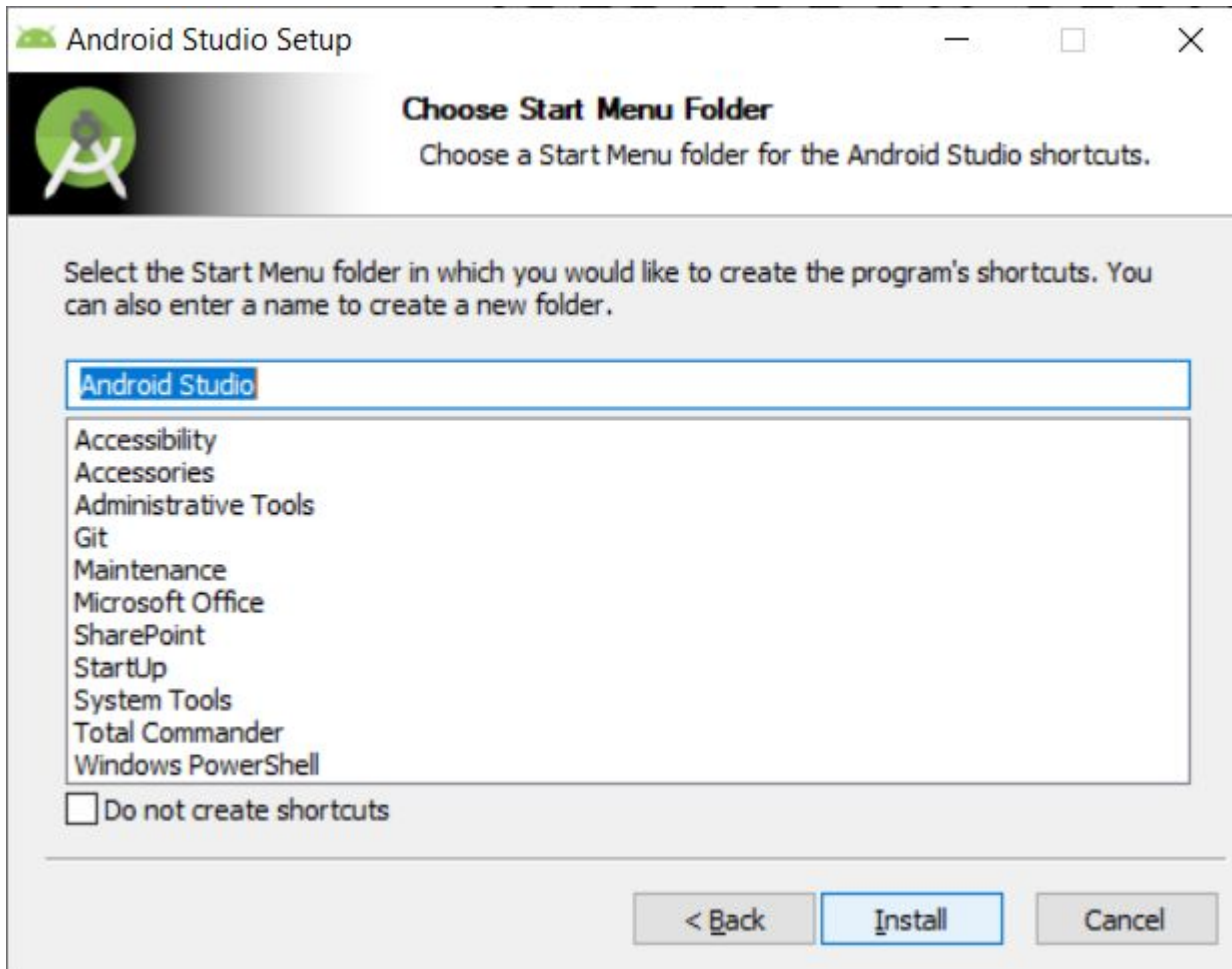
**DOWNLOAD ANDROID STUDIO FOR WINDOWS**

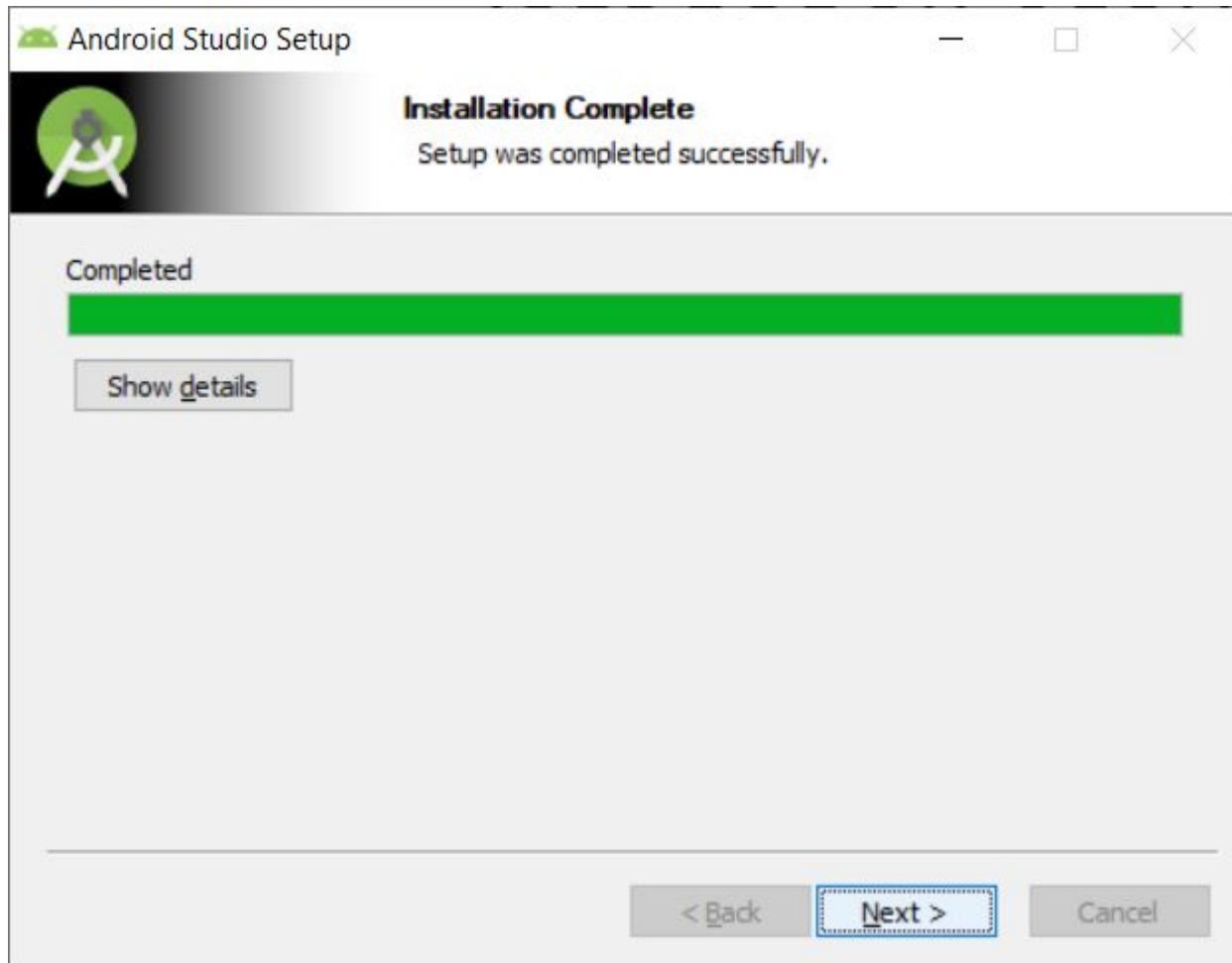
`android-studio-ide-191.5977832-windows.exe`



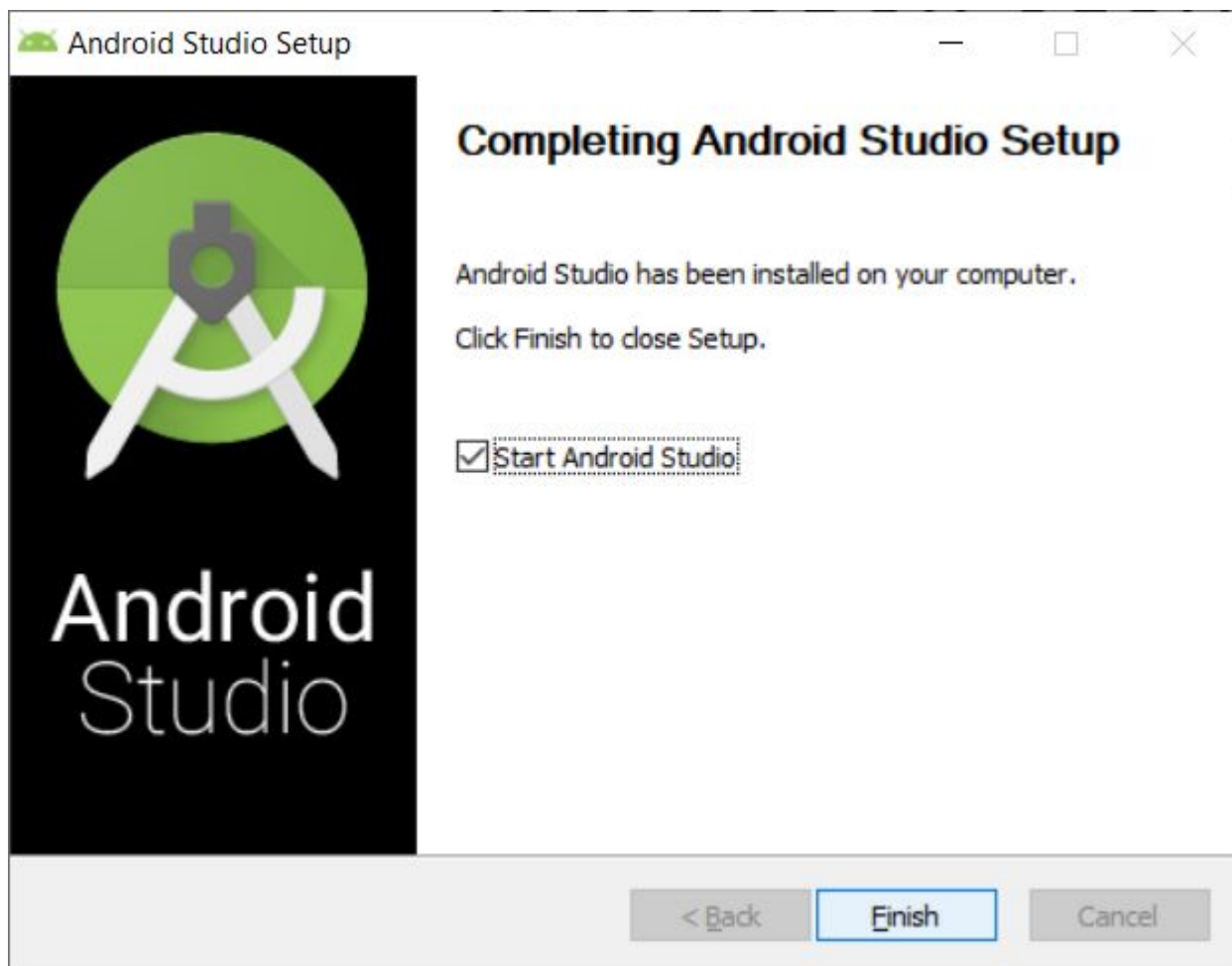


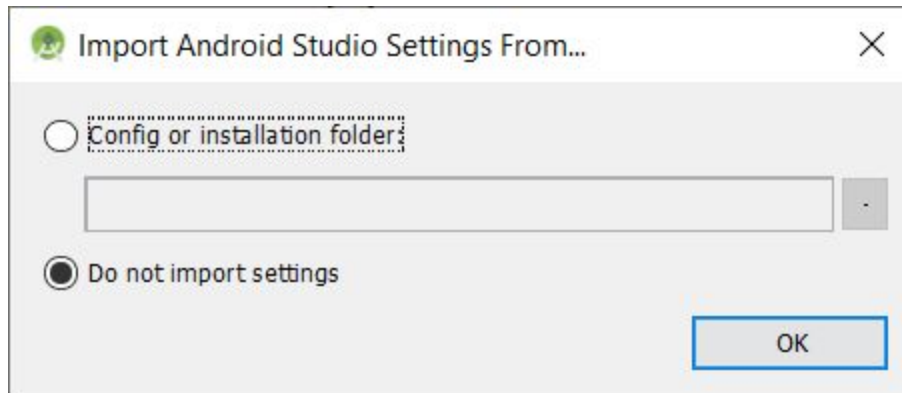












The image shows a screenshot of a Windows-style dialog box titled "Import Android Studio Settings From...". The dialog has a close button (X) in the top right corner. It contains two radio button options. The first option, "Config or installation folder:", is currently unselected and has a dotted border around its text. Below this text is an empty text input field with a small button to its right. The second option, "Do not import settings", is selected with a filled radio button. At the bottom right of the dialog is an "OK" button.

Import Android Studio Settings From... X

☐ Config or installation folder:

☒ Do not import settings

OK



## Data Sharing

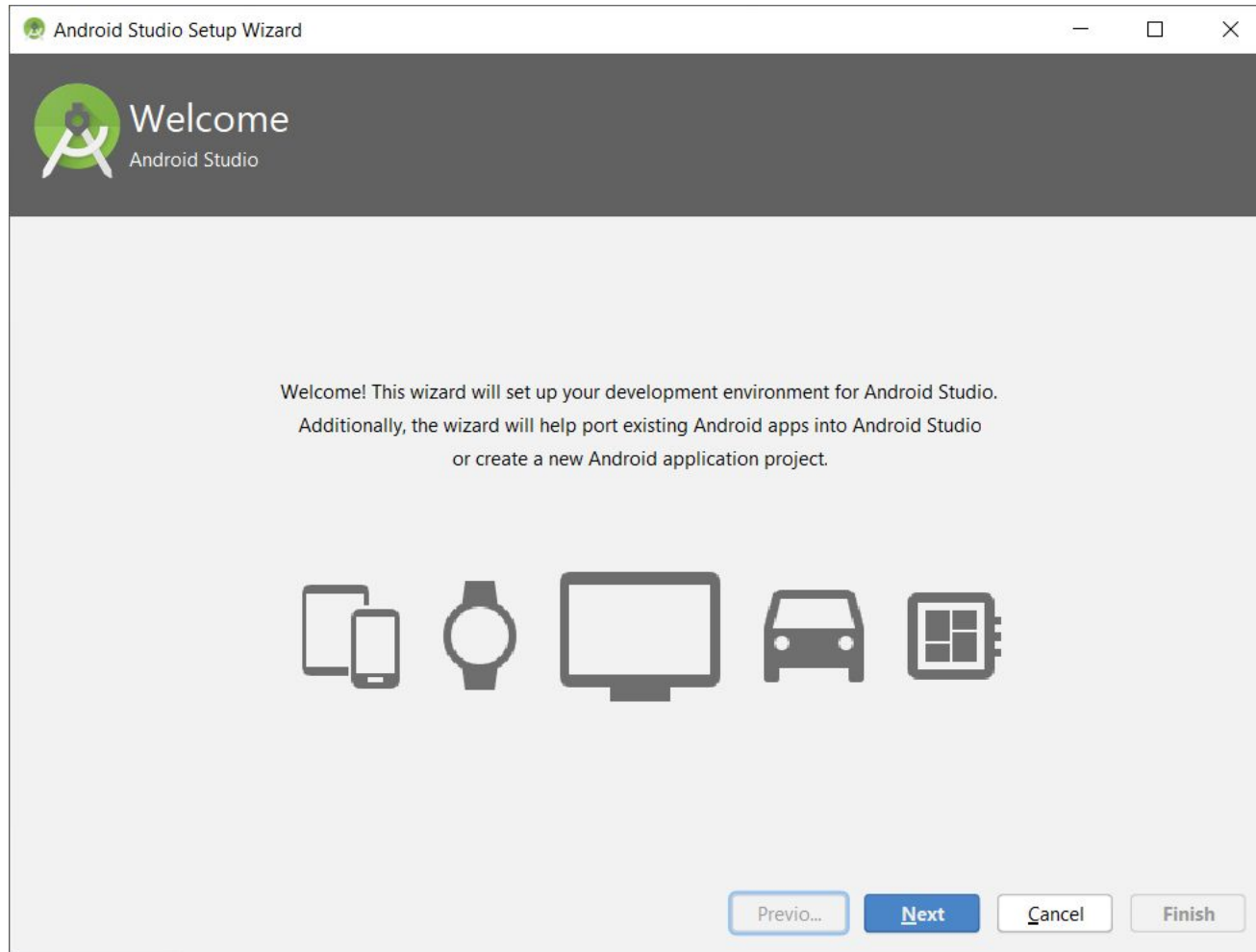


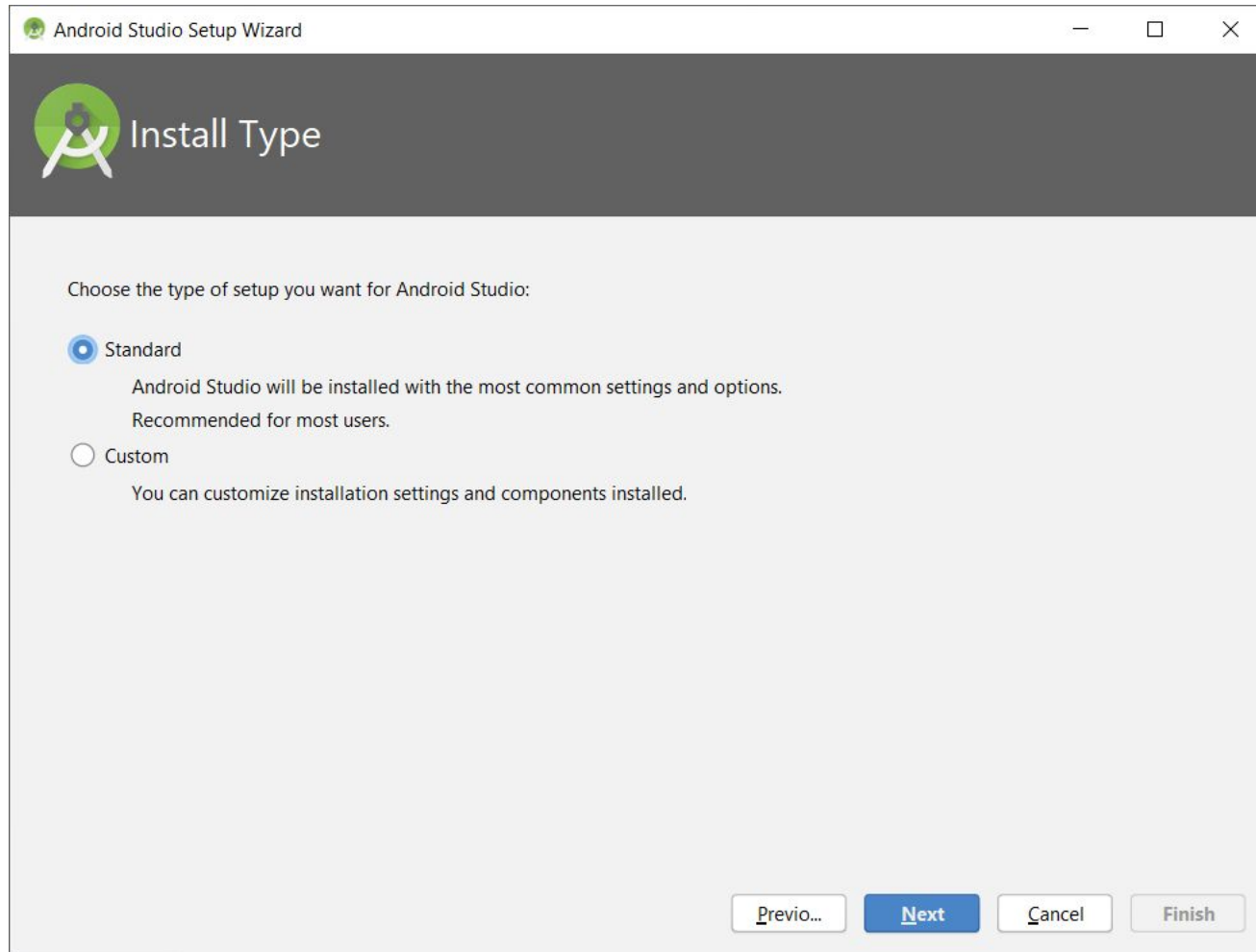
Allow Google to collect anonymous usage data for Android Studio and its related tools—such as how you use features and resources, and how you configure plugins. This data helps improve Android Studio and is collected in accordance with [Google's Privacy Policy](#).

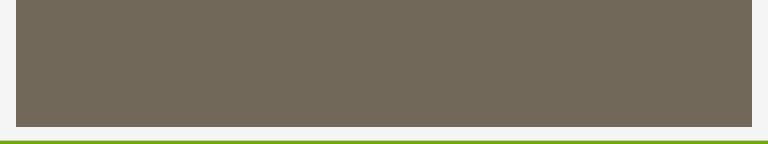
You can always change this behavior in Settings | Appearance & Behavior | System Settings | Data Sharing.

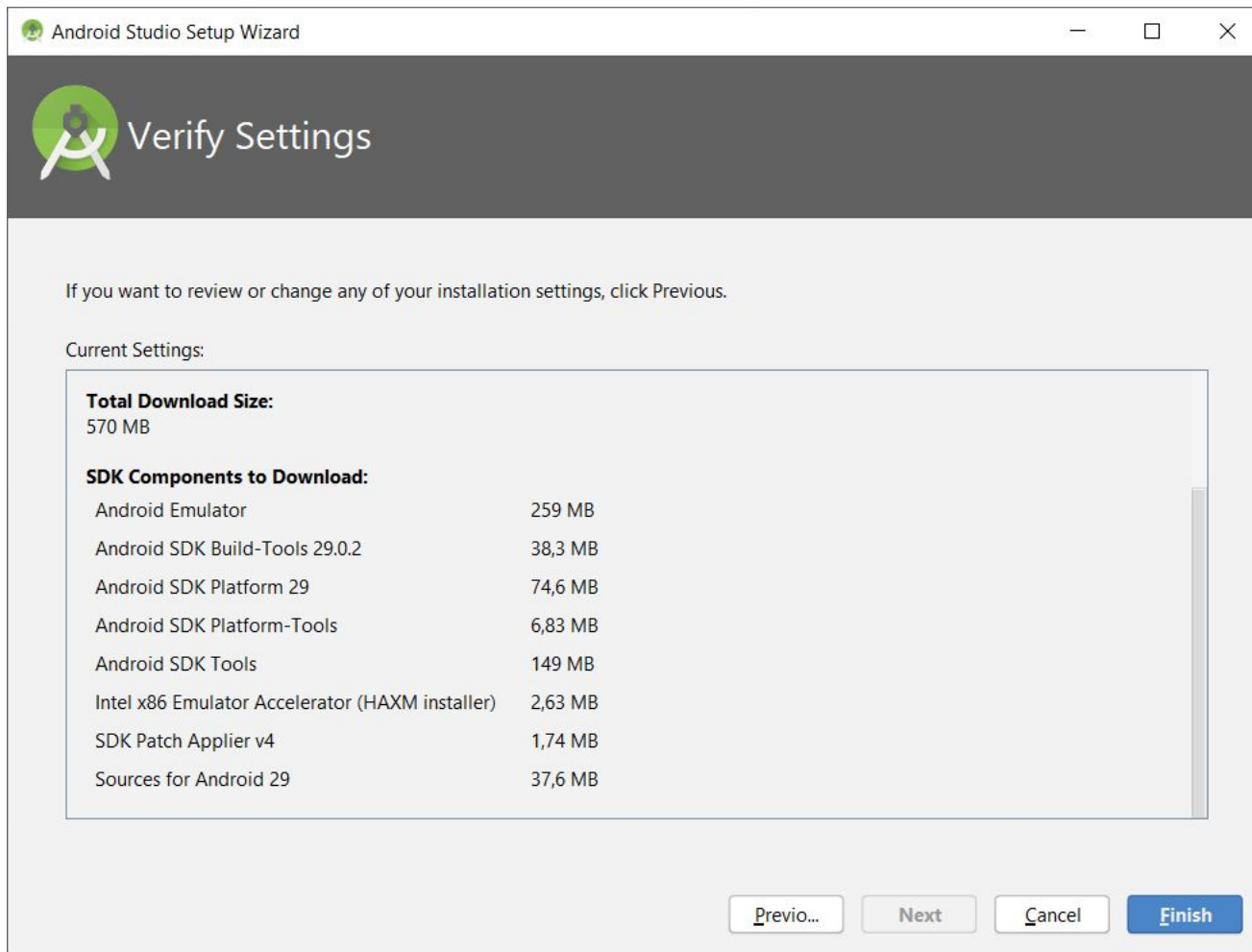
**Send usage statistics to Google**

Don't send











## Downloading Components

```
"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" complete.  
"Install Android SDK Build-Tools 29.0.2 (revision: 29.0.2)" finished.  
Preparing "Install Android SDK Platform 29 (revision: 3)".  
Downloading https://dl.google.com/android/repository/platform-29_r03.zip  
"Install Android SDK Platform 29 (revision: 3)" ready.  
Installing Android SDK Platform 29 in C:\Users\udjal\AppData\Local\Android\Sdk\platforms\android-29  
"Install Android SDK Platform 29 (revision: 3)" complete.  
"Install Android SDK Platform 29 (revision: 3)" finished.  
Preparing "Install Sources for Android 29 (revision: 1)".  
Downloading https://dl.google.com/android/repository/sources-29_r01.zip  
"Install Sources for Android 29 (revision: 1)" ready.  
Installing Sources for Android 29 in C:\Users\udjal\AppData\Local\Android\Sdk\sources\android-29  
"Install Sources for Android 29 (revision: 1)" complete.  
"Install Sources for Android 29 (revision: 1)" finished.  
Parsing C:\Users\udjal\AppData\Local\Android\Sdk\build-tools\29.0.2\package.xml  
Parsing C:\Users\udjal\AppData\Local\Android\Sdk\extras\intel  
  \Hardware_Accelerated_Execution_Manager\package.xml  
Parsing C:\Users\udjal\AppData\Local\Android\Sdk\patcher\v4\package.xml  
Parsing C:\Users\udjal\AppData\Local\Android\Sdk\platform-tools\package.xml
```

Previo...

Next

Cancel

Finish





Welcome to Android Studio



# Android Studio

Version 3.5.2

- + Start a new Android Studio project
- Open an existing Android Studio project
- Check out project from Version Control ▼
- Profile or debug APK
- Import project (Gradle, Eclipse ADT, etc.)
- Import an Android code sample



Configure ▼

Get Help ▼

## Choose your project

Phone and Tablet

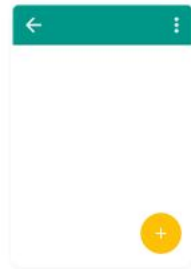
Wear OS

TV

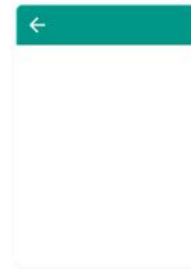
Android Auto

Android Things

Add No Activity



Basic Activity



Empty Activity



Bottom Navigation Activity



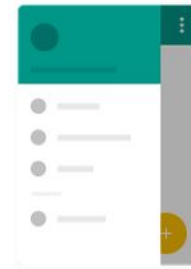
Fragment + ViewModel



Fullscreen Activity



Master/Detail Flow



Navigation Drawer Activity

### Empty Activity

Creates a new empty activity

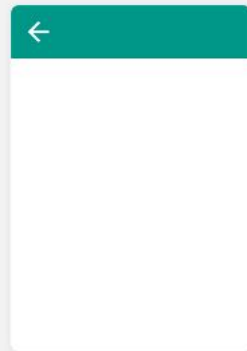
Previous

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Cancel

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## Configure your project



Empty Activity

Creates a new empty activity

Name

My Application

Package name

com.example.myapplication

Save location

C:\Users\udjal\AndroidStudioProjects\MyApplication

Language

Kotlin

Minimum API level API 15: Android 4.0.3 (IceCreamSandwich)

**i** Your app will run on approximately **100%** of devices.

[Help me choose](#)

☐ This project will support instant apps

☒ Use androidx.\* artifacts

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Finish

Project  
Resource Manager

Android ▾

MyApplication [My Application] C:\Users\udjal\AndroidStudioProjects\MyApplication

Gradle Scripts

Resource Manager

Build Variants

Structure

Favorites

Build: Sync ×

My Application: syncing...

Download https://services.gradle.org/distributions/gradle-5.4.1-all.zip

Search Everywhere Double Shift

Go to File Ctrl+Shift+N

Recent Files Ctrl+E

Navigation Bar Alt+Home

Drop files here to open

Assistant What's New



## What's New in 3.5

This panel describes some of the new features included in this update.

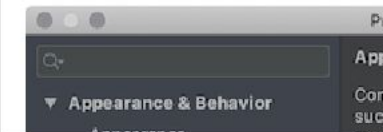
To open this panel again later, select **Help** > **What's New in Android Studio** from the main menu.

[Read in a browser](#)

## Quality and Stability improvements

As part of [Project Marble](#), this update focuses on performance, memory leaks, and hangs, and improvements to crash reporting. The improvements are described below.

### Memory management settings

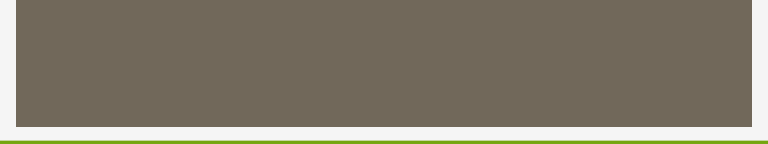


### Kotlin

A new version 1.3.61 of the Kotlin plugin is available for installation.

TODO Terminal Build

Kotlin: A new version 1.3.61-release-Studio3.5-1 of the Kotlin plugin is available. Install





## Your Virtual Devices

Android Studio



Virtual devices allow you to test your application without having to own the physical devices.

[+ Create Virtual Device...](#)

To prioritize which devices to test your application on, visit the [Android Dashboards](#), where you can get up-to-date information on which devices are active in the Android and Google Play ecosystem.



## Select Hardware

Android Studio

## Choose a device definition



Category	Name ▾	Play Store	Size	Resolution	Density
TV	Pixel XL		5,5"	1440x2560	560dpi
Phone	Pixel 3a XL		6,0"	1080x2160	400dpi
Wear OS	Pixel 3a		5,6"	1080x2220	440dpi
Tablet	Pixel 3 XL		6,3"	1440x2960	560dpi
	Pixel 3		5,46"	1080x2160	440dpi
	Pixel 2 XL		5,99"	1440x2880	560dpi
	Pixel 2		5,0"	1080x1920	420dpi
	Pixel		5,0"	1080x1920	420dpi
	Nexus S		4,0"	480x800	hdpi

New Hardware Profile

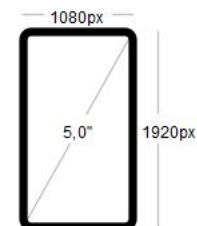
Import Hardware Profiles



Clone Device...



## Pixel 2



Size: large  
Ratio: long  
Density: 420dpi

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Finish

Help





## System Image

Android Studio

## Select a system image

Recommended x86 Images Other Images

Release Name	API Level ▾	ABI	Target
<a href="#">Q Download</a>	29	x86_64	Android 10.0 (Google Play)
<a href="#">Q Download</a>	29	x86_64	Android 10.0 (Google APIs)
<a href="#">Q Download</a>	29	x86	Android 10.0 (Google APIs)
<a href="#">Q Download</a>	29	x86_64	Android 10.0
<a href="#">Q Download</a>	29	x86	Android 10.0
<a href="#">Pie Download</a>	28	x86_64	Android 9.0 (Google Play)
<a href="#">Pie Download</a>	28	x86	Android 9.0 (Google APIs)
<a href="#">Pie Download</a>	28	x86_64	Android 9.0 (Google APIs)
<a href="#">Pie Download</a>	28	x86	Android 9.0
<a href="#">Pie Download</a>	28	x86_64	Android 9.0
<a href="#">Oreo Download</a>	27	x86	Android 8.1 (Google APIs)
<a href="#">Oreo Download</a>	27	x86_64	Android 8.1



! A system image must be selected to continue.

Q



API Level

**29**

Android

**10.0****Google Inc.**

System Image

**x86**

Recommendation

No emulator installed

[Install Emulator](#)

Questions on API level?

[See the API level distribution chart](#)

Previous

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Cancel

Finish

Help





# Component Installer

Android Studio

## Installing Requested Components

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

Packages to install:

- Intel x86 Atom System Image (system-images;android-26;default;x86)

Preparing "Install Intel x86 Atom System Image (revision: 1)".

Downloading [https://dl.google.com/android/repository/sys-img/android/x86-26\\_r01.zip](https://dl.google.com/android/repository/sys-img/android/x86-26_r01.zip)

Downloading (7%): 23.4 / 334.0 MB ...

[https://dl.google.com/android/repository/sys-img/android/x86-26\\_r01.zip](https://dl.google.com/android/repository/sys-img/android/x86-26_r01.zip)

Please wait until the installation finishes

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Cancel

Finish



## Component Installer

Android Studio

## Installing Requested Components

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

Packages to install:

- Intel x86 Atom System Image (system-images;android-26;default;x86)

Preparing "Install Intel x86 Atom System Image (revision: 1)".

Downloading [https://dl.google.com/android/repository/sys-img/android/x86-26\\_r01.zip](https://dl.google.com/android/repository/sys-img/android/x86-26_r01.zip)

"Install Intel x86 Atom System Image (revision: 1)" ready.

Installing Intel x86 Atom System Image in

C:\Users\udjal\AppData\Local\Android\Sdk\system-images\android-26\default\x86

"Install Intel x86 Atom System Image (revision: 1)" complete.

"Install Intel x86 Atom System Image (revision: 1)" finished.

Done

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## Android Virtual Device (AVD)

Android Studio

## Verify Configuration

AVD Name Pixel 2 API 26



Pixel 2

5.0 1080x1920 xxhdpi

Change...



Oreo

Android 8.0 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.

## Recommendation

No emulator installed

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

[Install Emulator](#)

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## Your Virtual Devices

Android Studio

No emulator installed

[Install Emulator](#)

Type	Name	Play Store	Resolution	API	Target	CPU/ABI	Size on Disk	Actions
	Pixel 2 API 26		1080 × 1920: 420dpi	26	Android 8.0	x86	1,0 GB	

[+ Create Virtual Device...](#)

SDK Quickfix Installation



## Component Installer

Android Studio

### Installing Requested Components

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

Packages to install:


- Android Emulator (emulator)

Preparing "Install Android Emulator (revision: 29.2.11)".

Downloading <https://dl.google.com/android/repository/emulator-windows-6031357.zip>

Downloading (5%): 13.0 / 259,3 MB ...

<https://dl.google.com/android/repository/emulator-windows-6031357.zip>

 Please wait until the installation finishes

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SDK Quickfix Installation



## Component Installer

Android Studio

### Installing Requested Components

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

Packages to install:

- Android Emulator (emulator)

Preparing "Install Android Emulator (revision: 29.2.11)".

Downloading <https://dl.google.com/android/repository/emulator-windows-6031357.zip>

"Install Android Emulator (revision: 29.2.11)" ready.

Installing Android Emulator in C:\Users\udjal\AppData\Local\Android\Sdk\emulator

"Install Android Emulator (revision: 29.2.11)" complete.

"Install Android Emulator (revision: 29.2.11)" finished.

Done

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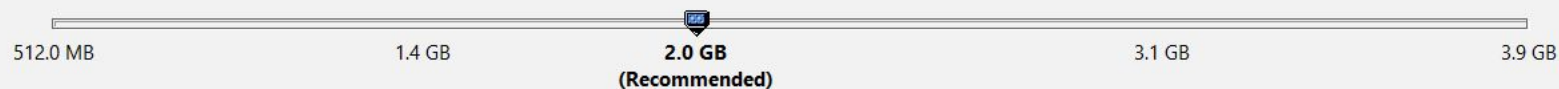


## Emulator Settings

We have detected that your system can run the Android emulator in an accelerated performance mode.

Set the maximum amount of RAM available for the Intel® Hardware Accelerated Execution Manager (HAXM) to use for all x86 emulator instances. You can change these settings at any time by running the Intel® HAXM installer.

Refer to the [Intel® HAXM Documentation](#) for more information.



RAM allocation:

[Previous](#)[Next](#)[Cancel](#)[Finish](#)