Android Studio

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Installation

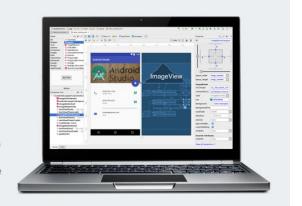
Installation link: https://developer.android.com/studio/index.html?hl=es-419

Android Studio

IDE oficial para Android

Android Studio proporciona las herramientas más rápidas para crear apps en todas las clases de dispositivos Android.

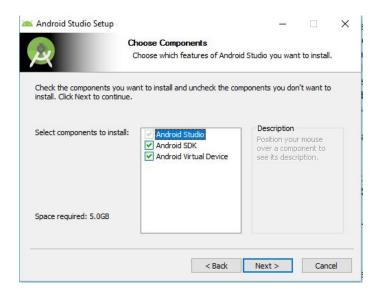
La edición de códigos de primer nivel, la depuración, las herramientas de rendimiento, un sistema de compilación flexible y un sistema instantáneo de compilación e implementación te permiten concentrarte en la creación de aplicaciones únicas y de alta calidad.



DESCARGAR ANDROID STUDIO 2.3.1 FOR LINUX (429 MB)

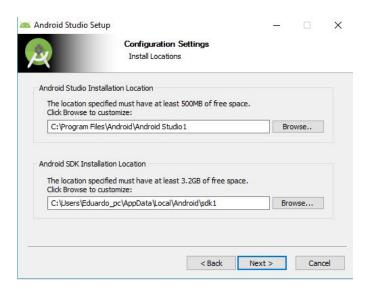
Installation

Choose Components



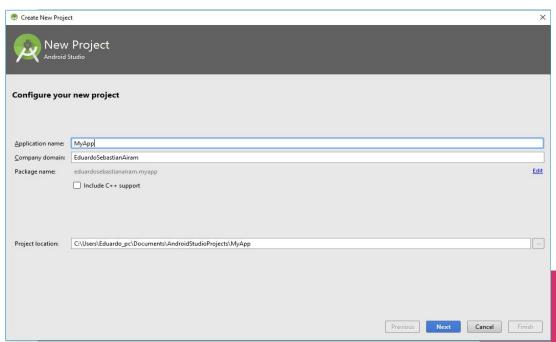
Installation

Android Studio and Android SDK installation path



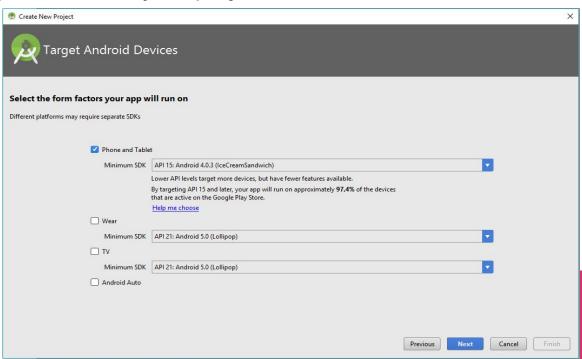
Create a project

Start a new Android Studio project



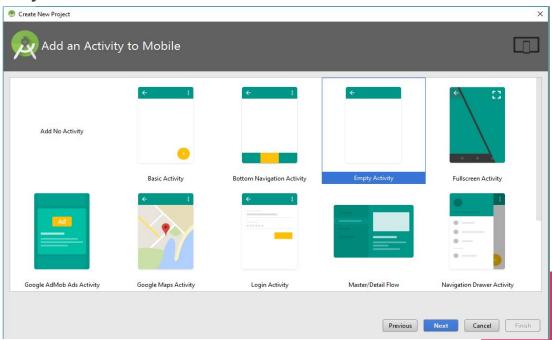
Create a project

Select the platforms for your project



Create a project

Add an activity



Compatibility issues

- Android Compatibility Program goals
- Program components
 - Android Open Source Project
 - Compatibility Definition Document
 - Compatibility Test Suite
- Software Development Kit Issues

Android Compatibility Goals

- Provide a consistent application and hardware environment to developers
- Enable a consistent application experience for consumers
- Enable device manufacturers to differentiate while being compatible
- Minimize costs and overhead associated with compatibility

Compatibility Program Components

- Android Open Source Project
- Compatibility Definition Document
- Compatibility Test Suite



ALARM • BROWSER • CALCULATOR •
CALENDAR • CAMERA • CLOCK • CONTACTS •
DIALER • EMAIL • HOME • IM • MEDIA PLAYER
PHOTO AI RUM • SMS/MMS • VOICE DIAI

CONTENT PROVIDERS • MANAGERS (ACTIVITY, LOCATION, PACKAGE, NOTIFICATION, RESOURCE, TELEPHONY, WINDOW) • VIEW SYSTEM

> CORE LIBRARIES • ART • DALVIK VM

AUDIO • BLUETOOTH • CAMERA • DRM • EXTERNAL STORAGE • GRAPHICS • INPUT • MEDIA • SENSORS • TV

DRIVERS (AUDIO, BINDER (IPC), BLUETOOTH, CAMERA, DISPLAY, KEYPAD, SHARED MEMORY, USB, WIFI) • POWER MANAGEMENT

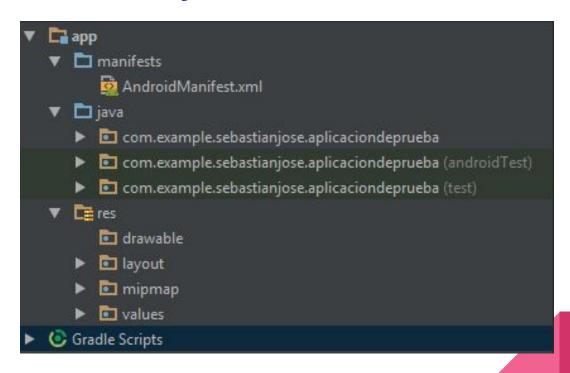
Software Development Kit Issues



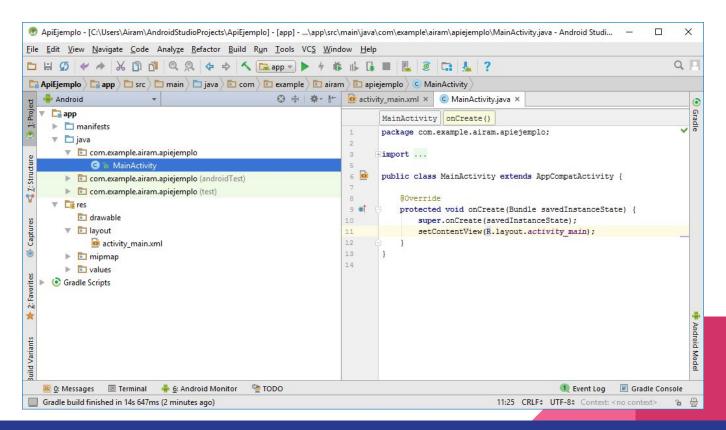


Same features,
different output...

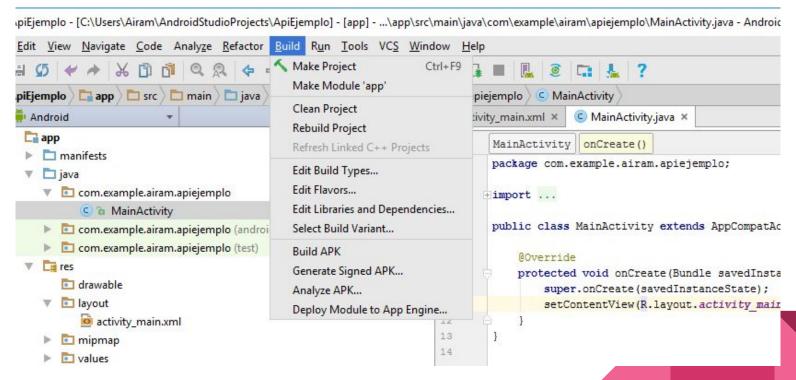
Android Studio Project Structure



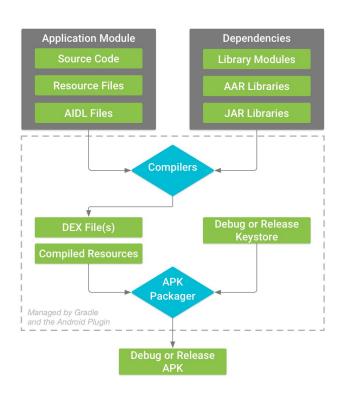
Android Studio IDE

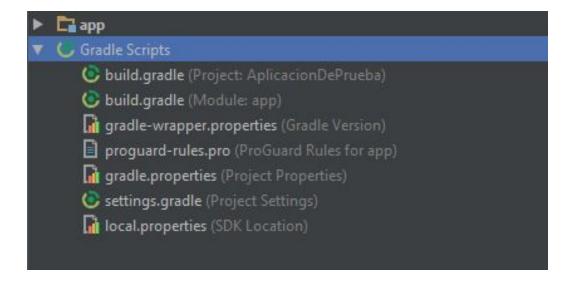


Exportar y publicar Android Apps



Android Studio - Gradle

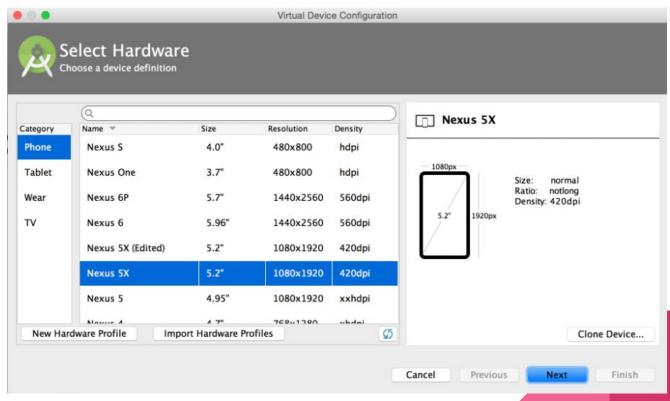




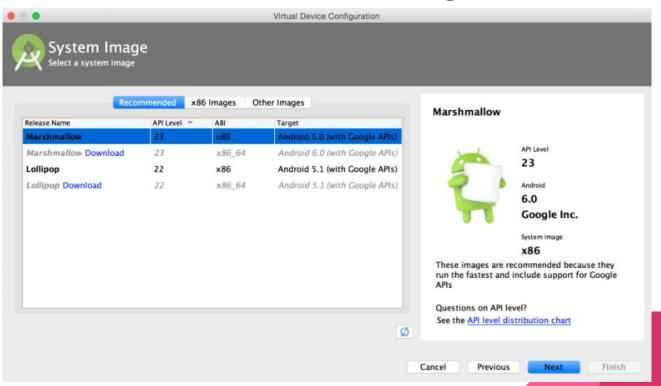
Android Virtual Device

- Creating AVD
- Managing AVD
- Hardware Profiles

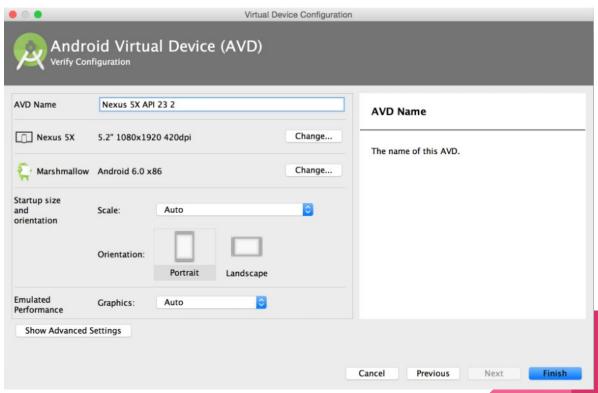
Android Virtual Device - Creating AVD



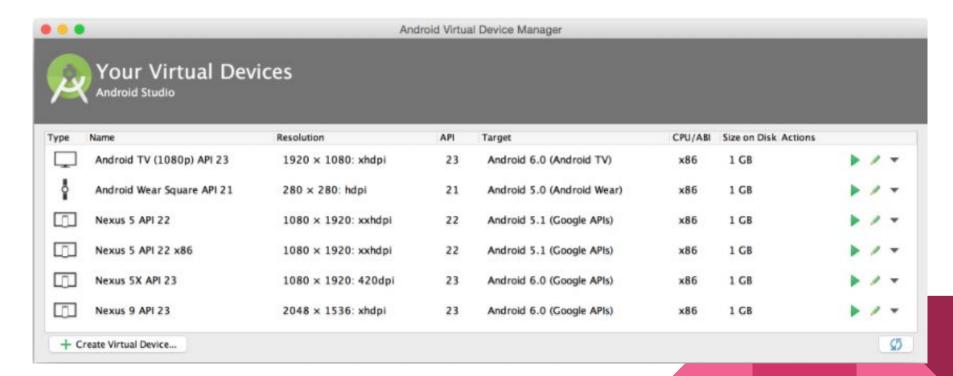
Android Virtual Device - Creating AVD



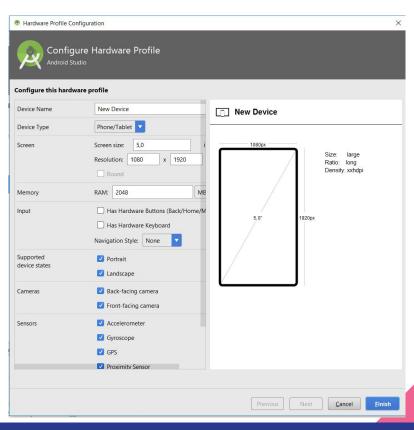
Android Virtual Device - Creating AVD



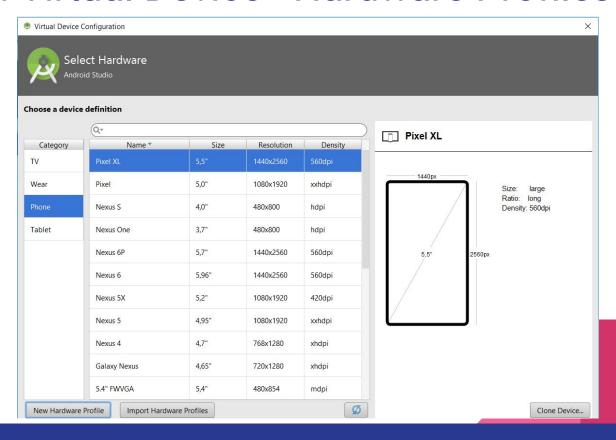
Android Virtual Device - Managing AVD



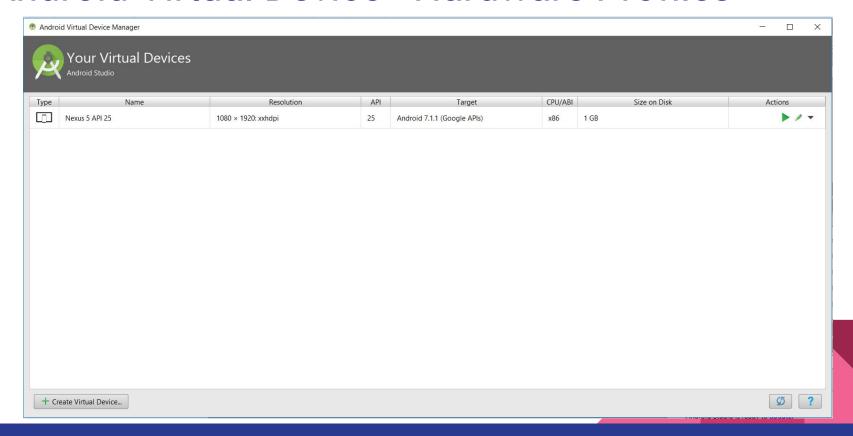
Android Virtual Device - Hardware Profiles



Android Virtual Device - Hardware Profiles



Android Virtual Device - Hardware Profiles



Code

QUESTIONS?

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