2024.10.5 更新

Android Studioのシステム要件

Android Studioを利用するためのシステム要件
 OS 64ビットOS
 メモリ 最低8GB(推奨16GB以上)
 SSD 8GB以上(実質的には20~30GB)

PC室のパソコンはメモリ8GB、SSDの空きが 20GBほど(2024年10月の時点)

Android Studioを満足に使えない・・・

自分のPCに<u>インストールしましょう</u>

Andr	roid Studioのページを開く	
🖌 🔳 <u>htt</u>	<u>cps://developer.android.com/studi</u>	<u>o?hl=ja</u>
イン	ストーラーをDLする	
	基 Developers 開発 ▼ もっと見る ▼ Q、検索 /	
æ	タウンロード Android Studio エティタ Android Studio での Gemini Android Gradle フラクイン SDK Tools フレビュー translated by Google このページは Cloud Translation API によって翻訳されました。 Switch to English	
	Android Studio	
選択	Android アプリ開発用の公式の統合開発環境(IDE)を入手しましょう。 Android Studio Koala Feature Drop をダウンロードする よ をご覧ください。	
	リリースノートを読む (回	
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インストール開始 DLが完了したら、 「android-studio-XXXX.XX.XX-windows.exe」 を実行する

 \times Android Studio Setup \times 🛎 Android Studio Setup Choose Components Welcome to Android Studio Setun Choose which features of Android Studio you want to install. Setup will quide you through the installation of Android Check the components you want to install and uncheck the components you don't want to Studio. install. Click Next to continue. It is recommended that you close all other applications before starting Setup. This will make it possible to update Description relevant system files without having to reboot your Select components to install: Android Studio Position your mouse computer. Android Virtual Device over a component to Click Next to continue. android studio Space required: 3.6GB Cancel < Back Next > < Back Next > Cancel



Android Studioの初期設定



Android Studioの初期設定

■ 続いて初期設定 Android Studio Setup Wizard Verify Settings Current Settings Android SDK Build-Tools 35 Android SDK Platform 35 Android SDK Platform-Tools 1.64 GB 46.4 MB Sources for Android 35 Cancel 選択して「Accept」にチェック Android Studio Setup Wizard П × 🔥 License Agreement Read and agree to the licenses for the components which will be installed Intel (R) Hardware Accelerated Execution Manager End-User Lice, se Agreement Licenses Copyright (c) 2012 Intel Corporation, All rights reserved. Google Play Intel x86_64 / Redistribution, Redistribution and use in binary form, without modified Redistribution. Redistribution and use in binary form, without modified Redistribution. Redistribution Redistri Redistribution Redistri Redistribution Redist 🛃 Android Emulator hypervis permitted provided that the following conditions are met: ,↓, Sources for Android 35 Android SDK Platform 35 disclaimer in the documentation and/or other materials provided with the distribution. 4. Android SDK Build-Tools 3 2.Neither the name of Intel Corporation nor the names of its suppliers n y be used Android SDK Platform-Too to endorse or promote products derived from this software without speci 🛃 Android Emulator written permission intel-android-extra-license غ Intel x86 Emulator Acceler permitted, Limited patenti license, Intel Corporation grants a world-wide, royalty-free, non-exclusive license under patents it now or hereafter owns of to make, have made, use, import, offer to sell and sell "Otilize" this software controls , but solely to the extent that any such patent is necessary to Utilize the software The patent license shall not apply to any combinations which include this soft Decline 💽 Accep Previ... Next Cancel Finish

選択して「Accept」にチェック

ement
ses for the components which will be installed
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
compatibility website (http://source.android.com/compatibility) and which may be
updated from time to time; and (ii) successfully passes the Android Compatibility
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Cancel

Android Studioの初期設定

■無事、完了すれば下図が表示される Android Studio **A** Projects Welcome to Android Studio Customize Plugins Learn New Project Open Get from VCS

クリックするとプロジェクトを新規作成する



■ 新規にプロジェクト作成

「Empty Views Activity」を選択

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New Project				×
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Vear OS				1.5
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utomotive				100
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	Basic Views Activity	Bottom Navigation Views Activity	Empty Views Activity	
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必要な箇所を修正する

New Project		
Empty Views Activity		
Creates a new empty activity		
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<u>P</u> ackage name	com.exampl janken01	
Save location	C; ¥Userst AndroidStudioProjects¥Janken01	
Language	Java v	
Minimum SDK	API 24 ("Nougat"; Android 7.0)	
	Your app will run on approximately 97.4% of devices. Help me choose	
Build configuration language 🕐	Kotlin DSL (build.gradle.kts) [Recommended]	



エラーが出る場合もある

■ 初期設定で、エラーが発生する場合もある



Android Studio Setup Wizard

Downloading Components

For more details, please check the installation log: C:\Users\k-tri\AppData\Local\Temp\haxm_install-20241004_1619.log Intel® HAXM installation failed. To install Intel® HAXM follow the instructions found at: https://github.com/intel/haxm/wiki/Installation-Instructions-on-Windows Running Android Emulator hypervisor driver installer [SC] ControlService FAILED 1062:

<u>F</u>inish

そのサービスを開始できませんでした。

[SC] DeleteService SUCCESS [SC] StartService はエラー 4294967201 により失敗しました。 Creating Android virtual device Android virtual device Medium_Phone_API_35 was successfully created

仮想化関連が原因? 下記のドライバー追加で直るかも デバイスマネージャーで「Microsoft hyper-v 仮想化インフラストラクチャドライバー」を インストールする

[デバイス マネージャー] - メニューの[操作(A)] --> [レガシー ハードウェアの追加(L)] - [一覧からハードウェアをインストールする] - [システムデバイス] - [Microsoft]

- [microsoft hyper-v 仮想化インフラストラクチャドライバー]

または、ここを参照→<u>https://newgraduate19-rpa.hatenablog.com/entry/20211124/1637755830</u>11