**ANDROID**

**AN\_DROID HISORY:**  
Lastest:

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| Android 7.1 Nougat home screen | |
| [**Developer**](https://en.wikipedia.org/wiki/Software_developer) | * [Google](https://en.wikipedia.org/wiki/Google) * [Open Handset Alliance](https://en.wikipedia.org/wiki/Open_Handset_Alliance) |
| [**Written in**](https://en.wikipedia.org/wiki/Programming_language) | [Java](https://en.wikipedia.org/wiki/Java_(programming_language)) (UI), [C](https://en.wikipedia.org/wiki/C_(programming_language)) (core), [C++](https://en.wikipedia.org/wiki/C%2B%2B)[[1]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-1) |
| **OS family** | [Unix-like](https://en.wikipedia.org/wiki/Unix-like) |
| **Working state** | Current |
| **Source model** | [Open source](https://en.wikipedia.org/wiki/Open_source_software) and in most devices with [proprietary](https://en.wikipedia.org/wiki/Proprietary_software) components |
| **Initial release** | September 23, 2008; 8 years ago[[2]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-2) |
| [**Latest release**](https://en.wikipedia.org/wiki/Software_release_life_cycle) | [7.1.2 "Nougat"](https://en.wikipedia.org/wiki/Android_Nougat) / April 4, 2017; 3 months ago |
| [**Latest preview**](https://en.wikipedia.org/wiki/Software_release_life_cycle) | [Android "O"](https://en.wikipedia.org/wiki/Android_O) Developer Preview 3 / June 8, 2017; 50 days ago[[3]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-3) |
| **Marketing target** | [Smartphones](https://en.wikipedia.org/wiki/Smartphone), [tablet computers](https://en.wikipedia.org/wiki/Tablet_computer), [Android TV](https://en.wikipedia.org/wiki/Android_TV), [Android Auto](https://en.wikipedia.org/wiki/Android_Auto) and [Android Wear](https://en.wikipedia.org/wiki/Android_Wear) |
| [**Available in**](https://en.wikipedia.org/wiki/Natural_language) | 100+ languages[[4]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-4) |
| [**Package manager**](https://en.wikipedia.org/wiki/Package_manager) | [APK](https://en.wikipedia.org/wiki/Android_application_package) (Primarily through[Google Play](https://en.wikipedia.org/wiki/Google_Play)) and installing apks from alternative sources such as [F-Droid](https://en.wikipedia.org/wiki/F-Droid).) |
| **Platforms** | [32-](https://en.wikipedia.org/wiki/32-bit) and [64-bit](https://en.wikipedia.org/wiki/64-bit_computing) [ARM](https://en.wikipedia.org/wiki/ARM_architecture), [x86](https://en.wikipedia.org/wiki/X86), [x86-64](https://en.wikipedia.org/wiki/X86-64), [MIPS and MIPS64](https://en.wikipedia.org/wiki/MIPS_architecture) |
| [**Kernel**](https://en.wikipedia.org/wiki/Kernel_(operating_system))**type** | [Monolithic](https://en.wikipedia.org/wiki/Monolithic_kernel) ([modified Linux kernel](https://en.wikipedia.org/wiki/Android_(operating_system)#Linux_kernel)) |
| [**Userland**](https://en.wikipedia.org/wiki/User_space#USERLAND) | [Bionic libc](https://en.wikipedia.org/wiki/Bionic_(software)),[[5]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-5) [mksh](https://en.wikipedia.org/wiki/Korn_shell)shell,[[6]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-6) [Toybox](https://en.wikipedia.org/wiki/Toybox) as core utilities beginning with Android 6.0,[[7]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-7)[[8]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-8)previously native core utilities with a few from [NetBSD](https://en.wikipedia.org/wiki/NetBSD)[[9]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-9)[[10]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-10) |
| **Default**[**user interface**](https://en.wikipedia.org/wiki/User_interface) | [Graphical](https://en.wikipedia.org/wiki/Graphical_user_interface) ([multi-touch](https://en.wikipedia.org/wiki/Multi-touch)) |
| [**License**](https://en.wikipedia.org/wiki/Software_license) | [Apache License](https://en.wikipedia.org/wiki/Apache_License) 2.0 [GNU GPL](https://en.wikipedia.org/wiki/GNU_GPL) v2 for the [Linux kernel](https://en.wikipedia.org/wiki/Linux_kernel) modifications[[11]](https://en.wikipedia.org/wiki/Android_(operating_system)#cite_note-11) |
| **Official website** | [android.com](https://android.com/) |

BASED on LINUX-KERNAL OS  
Primirily Designed for touch Screen.  
Open Source Based.

71% use are Mobile Developers are Android Developers.  
Apps can be sold and purchase for free on Google Play Store ,Amazon Play Store and sumsung Play Store.

Android was founded in [Palo Alto, California](https://en.wikipedia.org/wiki/Palo_Alto,_California) in October 2003 by [Andy Rubin](https://en.wikipedia.org/wiki/Andy_Rubin), [Rich Miner](https://en.wikipedia.org/wiki/Rich_Miner), Nick Sears, and Chris White.

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**F\_DRIOD: F-Droid** is a software repository (or "[app store](https://en.wikipedia.org/wiki/Application_store)") for [Android](https://en.wikipedia.org/wiki/Android_(operating_system)) applications, similar to the [Google Play](https://en.wikipedia.org/wiki/Google_Play) store. The main repository, hosted by the project, contains only apps that are [free and open-source software](https://en.wikipedia.org/wiki/Free_and_open-source_software). Applications can be browsed and installed from the F-Droid website or client app without the need to register for an account. 

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| showing some installed apps | |
| [**Developer(s)**](https://en.wikipedia.org/wiki/Software_developer) | [Ciaran Gultnieks](https://en.wikipedia.org/wiki/Ciaran_Gultnieks), F-Droid Limited |
| **Initial release** | 29 September 2010 |
|  | |
| [**Stable release**](https://en.wikipedia.org/wiki/Software_release_life_cycle) | 0.104 (16 June 2017; 41 days ago[[1]](https://en.wikipedia.org/wiki/F-Droid#cite_note-1)) [[±]](https://en.wikipedia.org/w/index.php?title=Template:Latest_stable_software_release/F-Droid&action=edit) |
| [**Repository**](https://en.wikipedia.org/wiki/Repository_(version_control)) | [gitlab.com/fdroid/](https://gitlab.com/fdroid/) |
| **Development status** | Active / >2,500 apps (as of November 2016)[[2]](https://en.wikipedia.org/wiki/F-Droid#cite_note-2) |
| **Written in** | [Python](https://en.wikipedia.org/wiki/Python_(programming_language)) (server), [PHP](https://en.wikipedia.org/wiki/PHP)(site), [Java](https://en.wikipedia.org/wiki/Java_(programming_language)) (client) |
| [**Operating system**](https://en.wikipedia.org/wiki/Operating_system) | GNU/[Linux](https://en.wikipedia.org/wiki/Linux) (server), [Android](https://en.wikipedia.org/wiki/Android_(operating_system)) (client) |
| [**Type**](https://en.wikipedia.org/wiki/Software_categories#Broad_categories) | [Digital distribution](https://en.wikipedia.org/wiki/Digital_distribution) of free software, [Software repository](https://en.wikipedia.org/wiki/Software_repository) |
| [**License**](https://en.wikipedia.org/wiki/Software_license) | [GNU GPLv3+](https://en.wikipedia.org/wiki/GNU_General_Public_License) |
| **Website** | [f-droid.org](https://f-droid.org/) |

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