

Tool Name	Android Studio
Platform	Googles android operating system
	<p>Can create native apps, web apps and cross platform.</p> <p>Native apps have best performance, are more secure, more interactive and allows developers to access full features of devices.</p> <p>Hybrid apps are typically easier and faster to develop and require less maintenance.</p> <p>Web apps are usually the fastest to develop meaning they are cheaper to develop. It is one web app built for all platforms and it doesn't take up storage on the users device.</p>
Website	<a href="https://developer.android.com/studio">https://developer.android.com/studio</a>
Developers	Google and JetBrains
Release Date	Early access began in May 2013 as version 0.1. Beta stage in June 2014 as version 0.8.
License	Binaries: Freeware, Source Code: Apache License
Price	Free to use but has a one time \$25 fee to publish an app to the google play store.
Programming Language(s)	Java, Kotlin, C++
Features	Instant app run, Visual layout editor, fast emulator, intelligence code editor, supports KOTLIN, testing tools and frameworks, firebase and cloud integration, APK analyzer, and more.
Debugger	Yes
Built-in Emulator	Yes
Host Machine Requirements	Windows requirements: 64-Bit Microsoft windows 8/10, x86_64 CPU Architecture, 2 <sup>nd</sup> generation intel core or newer or AMD CPU with support for Windows Hypervisor, 8GB of RAM or more, 8GB of available disk space minimum and 1280x800 minimum screen resolution.
Integrated Development environment (IDE)	Yes, it has an intelligence code editor included.
Software to be installed on host machine	Android SDK, Android Emulator and IDE
Advantages	Lots of tools and plugins, Debugging features are very effective, updates are quick, intellisense works very well, integration with ADB for debugging on real devices, integration with multiple test frameworks for running tests straight from the IDE.
Disadvantages	Emulator can be slow, Very heavy on RAM, Building and installing take a lot of time, Slow performance on older PC's.
Language Availability	Yes, multiple different languages supported
Uploading and selling an App	One time fee of \$25 for Google Play store

Third-party emulator can be linked?	Yes
Market Share	15.23 % Market share for android devices
Number of apps available	N/A not published
Number of downloads/users if applicable	N/A not published
Download Size	727-877 MB
Current Stable Version Number	4.2.2 released June 2021