



GenyMotion

Android Simulation Software

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Introduction

- Genymotion is an android simulation software which is available for windows and linux platform.
- It has 2 versions (properity and free).
- Genymotion is used to test the android application in development phase.

Objective

- The main objective of this simulation software is to give user a platform to use the android OS even if they don't have an android phone. e.g (testing newly released android OS)
- It is also used to test the android application in development process to check whether it functions properly or not.

Application

- It works on the underline backbone of virtual machine which loads the android OS.
- It is used in IDE like android studio with the help of plugins that are available for Genymotion to test the application.
- Used in application testing for different models of phones

Benefits

- Updates are available frequently.
- It has many benefits over the traditional android application simulator and emulator, like:
 - it is fast and simple to use and
 - due to the virtual machine as a backbone, it won't consume more processing power of a PC.

Limitations

- Free version won't support applications like real android phones for camera, GPS, etc.
- Free version won't support the application installation process via appstore.
- Requires space to load the android os in the virtual machine.
- OS installation process is too slow because files are too large to download from the internet.

Thank You

Let's see the demo.