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Android

Presenter name

Agenda

1 OpenSTDroid

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Android ST delivery is called **OpenSTDroid** today the last version is : v2.0.0
This Android version is based on OpenSTLinux V2.1.0.

Main software components:

- Android **11.0.0**
- Kernel 5.4.56
- TF-A 2.2
- U-Boot 2020.01
- OP-TEE 3.9.0

The Android delivery content is:

- More than 30 STMicroelectronics GitHub modules
- More than 30 Wiki dedicated pages
- 8 applications provided as example
- 1 Distribution Package (sources accessible through manifest or through tarball)
- 2 Developer Packages (one Android SDK extension compatible with Android Studio and one compatible STM32CubeMX project)
- 4 Starter Packages compatible with STM32MP157C-EV1 and STM32MP157F-EV1 devices

- OpenSTDroid is only available on Evaluation board as Android request 1 GB DDR and DKx board have 512 MB.
- A demo on STM32MP157F-EV1 (800 Mhz) is available with the OpenSTDroid v2.0.0 running.

References



Wiki Android delivery :

https://wiki.stmicroelectronics.cn/stm32mpu/wiki/Category:STM32MPU_Embedded_Software_distribution_for_Android

Wiki Android how to :

https://wiki.stmicroelectronics.cn/stm32mpu/wiki/Category:How_to_Android

Thank you