

Gentoo Android App

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23rd May, 2020

Project Description (in Chinese)

- Background: Gentoo on Android 可以在 Android 上运行 Gentoo Prefix, 实现无性能损耗的完整的 GNU 环境。
- Current problems: 然而, 当前的 Gentoo on Android
 - 一方面需要 root 权限
 - 另一方面需要手动安装
- Expected outcome: 亟需一个不需 root 的 Android App 完成安装, 更方便地把手机转换成开发和生产工具。
- Tech details: 在 Android 的系统中, 每个 App 有一个专有的用户 uid 和一个保留的空间存放数据, 适合嵌入一个这个 uid 下的 Gentoo Prefix 实例, 解决当前 Gentoo on Android 的两个问题。

Think twice before choosing...

If you don't know (vaguely) about the following keywords:

- Linux
- Gentoo Linux
- Android

Or, if you're reluctant to learn about the following topics:

- Gentoo Prefix: bash programming
- Android: Java programming (or Kotlin or Scala or whatever lang. that works on Android)

Related technology

- Gentoo Prefix

To bring out the virtues of Gentoo Linux on different operating systems, the Gentoo Prefix project develops and maintains a way of installing Gentoo systems in a non-standard location, designated by a "prefix".

- Android apps storage and execution permissions

- Refer to Android Developers documentation