

Anders F Björklund

<https://github.com/afbjorklund>



Raspian

Raspberry Pi + Debian GNU/Linux = Raspian!

Models:

Raspberry Pi 1: ARMv6

Raspberry Pi 2: 4 cores!

Raspberry Pi 3: 64-bit! (and wi-fi)

Raspberry Pi Zero

Raspberry Pi Zero W (W for wi-fi)

Release:

Raspbian GNU/Linux 9 (stretch) 



PRoot

- **PRoot is a user-space implementation of `chroot`, `mount --bind`, and `binfmt_misc`.**
 - **(fake)chroot: run command or interactive shell with special root directory**
 - **`mount --bind`: mount part of the file hierarchy somewhere else**
 - **`binfmt_misc`: kernel feature to support miscellaneous binary formats**



Demo

1. Hardware

2. Software

