



ev3dev: Debian Linux on LEGO® MINDSTORMS EV3

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What is demonstrated

Build *anything* with LEGO parts

Do *anything* with open source software



Check out some amazing creations

<https://youtu.be/0d0ktACCwT4>

Hardware Information

LEGO MINDSTORMS EV3 (TI AM1808 ARM9 300MHz 64MB)

Raspberry Pi + BrickPi / PiStorms

BeagleBone + EVB / QuestCape

What was improved

- ✓ Program robots with **any** programming language
- ✓ Common OS/drivers/libs for multiple hardware platforms
- ✓ Contributed upstream patches to:
 - Linux Kernel (mainline)
 - U-Boot
 - Buildroot
 - ConnMan
 - and more...
- ✓ Bootstrap SD card images with Docker and libguestfs

Source code or detail technical information availability



<http://www.ev3dev.org>

