Wii

- Embedded for Entertainment -

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Tux Mario by opensec

Agenda

- Hardware

- Stromverbrauch

- Homebrew

- Linux

Hardware

Hardware

- PowerPC Broadway CPU (729 MHz)

- 64 MB-RAM (GDDR3 mit 4 GB/s)

- ATI Hollywood Grafik (243 MHz)
    - 24 MB RAM
    - Audio DSP

- 512 MB NAND Flash

Hardware II

- Optisches Laufwerk
  - 4.7 / 8.1 GB - Discs (Wii-Format)
  - GC-Discs (1.5 GB / 8 cm miniDVD)
  - DVDs über Homebrews
  - Blaues LED Licht

- SD CardReader (bis zu 2GB)

- USB 2.0

- WIFI / Bluetooth

Stromverbrauch

- 18 W aktiv

- 9.6 W in Standby (WiiConnect24)

- 1.3 W in Standby

Kurzeinführung

- Wii Software nicht von Nintendo

- Eigene Entwicklungstools

  - devkitpro

  - libogc

  - wiiload

- Bootbare SDC absehbar

Installation

- Benötigt
  - Wii
  - SD Karte (kleiner als 2 GB)
  - Zelda Twilight Princess (Twilight-Hack)
  - boot.elf oder boot.dol

Linux

- Twilight Hack

- Homebrew Channel

- Whiite-linux

  - debian – etch 4.0 (debootstrapped)
  - angepasster Kernel

- GeeXBox

  - Media Center

- DEMO

Dank an

- Team Twiizers

- wiibrew.org Community

- libogc Team

Quellenverzeichnis - Sonstiges

- http://en.wikipedia.org/wiki/Wii

- http://hbc.hackmii.com/about/

- http://hackmii.com/

- http://www.gc-linux.org/wiki/WL:whiite-linux

- http://www.wiibrew.org/wiki/Twilight_Hack

- http://www.wiibrew.org/wiki/Development

- http://www.wiibrew.org/wiki/DevkitPro

- http://www.wiibrew.org/wiki/GeeXboX

Quellenverzeichnis - Bilder

- http://tux.crystalxp.net/en.id.1732-tux-mario.html

- http://en.wikipedia.org/wiki/Image:NintendoStack.jpg

- http://www.wiibrew.org/wiki/Image:Homebrew_channel

- http://www.wiibrew.org/wiki/Image:Wii64_icon1.png

- http://www.wiibrew.org/wiki/Image:Insdvdx.png

- http://www.wiibrew.org/wiki/Image:Icon_GCLinux.png

- http://www.wiibrew.org/wiki/Image:Geexbox.gif