

hackable:1

GNOME Mobile distribution for Hackable Devices



25C3 – Lightning Talks – Day 2



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bearstech

Who's talking (fast)

- Working for Bearstech
- Embedded software development
- Hackable Devices R&D
- Small Free Software services company
- Cooperative of hackers
- Distributed over France and Germany
- Meet us at La Cantine in Paris!



Hackable Devices

- Hardware with open specifications
- ...or which you can open yourself :)
- A few examples:
 - Sharp Zaurus (discontinued 🤖)
 - Linksys WRTs...
 - Soekris, PC Engines, Alix...
 - Openmoko Freerunner

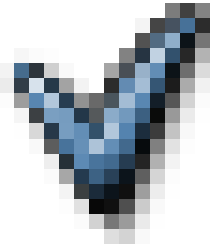


Openmoko Freerunner

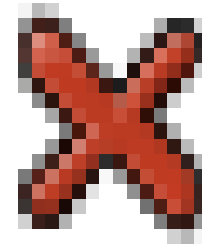
- Phone with open specifications
- Last restrictions being GSM, GPS and 3D graphics chip
- We are an official Value-Added Reseller in France



Pros and Cons



- Active community
- Many environments
- Patent-free hardware
- Customize everything



- Work is fragmented
- Nightmare to choose
- Some annoying bugs
- You're on your own...

Where hackable:1 helps

- First, a Debian system that « just works »
- Installs within minutes on a MicroSD card
- Provides full, native development environment
- Now, automating the work
- Declining for different purposes and hardware
- An integrated platform for Hackable Devices



Wanna join?

- Much easier to get started than OpenEmbedded, Scratchbox...
- Open development with decisions made
- We hang out on #hackable1 on Freenode
- Official website on <http://www.hackable1.org/>
- Trac and wiki on <http://trac.hackable1.org/>
- Improvized workshop? Come and see me!

