

Good Morning

at least good afternoon

/me

- nerd, geek, etc.
- Politiker (inzwischen)
- Freifunker!

Perspektiven

- OSS als Resource?
- OSS als Geschäftsmodell?
- Geld verdienen mit OSS?
- Unternehmen als Resource!
- Unternehmen als Committer!
- Code bekommen durch Unternehmen!

OpenWrt

- Embedded Linux
- Open Source

Fraunhofer FOKUS

- International Research
- Many Projects
- Lots of employees

The Project

- Embedded
- VoIP
- Mesh

Prepare it

- Talk to the Engineer
- Talk to the Developer
- Don't talk to the Manager!

Kick off!

- UCI!

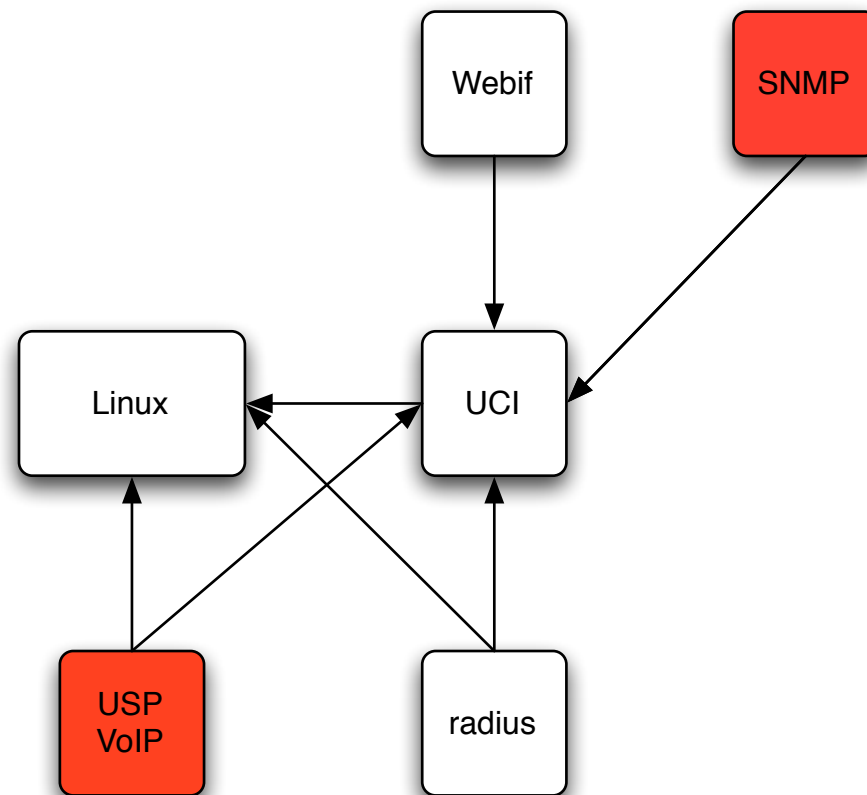
Communication?

- IRC?
- Meetings?
- WTF?

How to

- make the specs together
- evaluate!
- use feedback
- adapt!

Management



Aftermath

- UCI: shell/awk
- Proof of concept
- UCI developed

UCI Aftermath

- October 2006: Integration in OpenWrt
- January 2008: Rewrite in C
- February 2008: Switch to the new UCI in OpenWrt
- April 2008: Lua binding, LuCI integration
- November 2008: libucimap

State 2009

- API for C, Shell, Lua
- Used in almost all OpenWrt base packages
- LuCI (Lua Configuration Interface)
- MVC web application framework
- OpenWrt configuration interface
- Validation framework (Lua)
- contributed by the LuCI team

sustainability

- Infineon
- other Vendors
- OpenWrt as reference Platform
- OpenWrt in FOKUS

Problems

- Cooperate vs. Open source culture
- a person on each side
- Cooperate vs. Open Source pace
- Trust!

More Problems

- ROI hard to explain to nontechs
- Collar&Ties
- fading interest
- jealousy

Advantages for Compny

- Code/Platform gets maintained and enhanced
- Codequality
- other people can improve your code

Advantages for your Project

- No Money involved
- So, no bureaucracy for OpenWrt
- No Formal structure for OpenWrt needed
- lots of code!

Nobody works this way

- Companies don't do it by themselves
- Company has to be hacked from the inside

Guidelines

- work with persons, not with the company
- Have a Person dedicated in the Company
- code instead of money
- keep the steeringwheel, keep your culture
- teach them your culture, they are committer

Thank you!

- Patience
- Staying awake

Questions?

- I might try to answer.