A need to sync your data between devices?

You have been misinformed!

Do not synchronize, just access. Even if offline.

RL / FSCONS-2015 Lightning talk

Access, not synchronize!

- Use a **file system** featuring:
  - a global name space: the same path to the same file on all computers in the world (the web does not have a monopoly on this!)
  - persistent and consistent caching
  - built-in protection and flexible ACLs
  - server replication
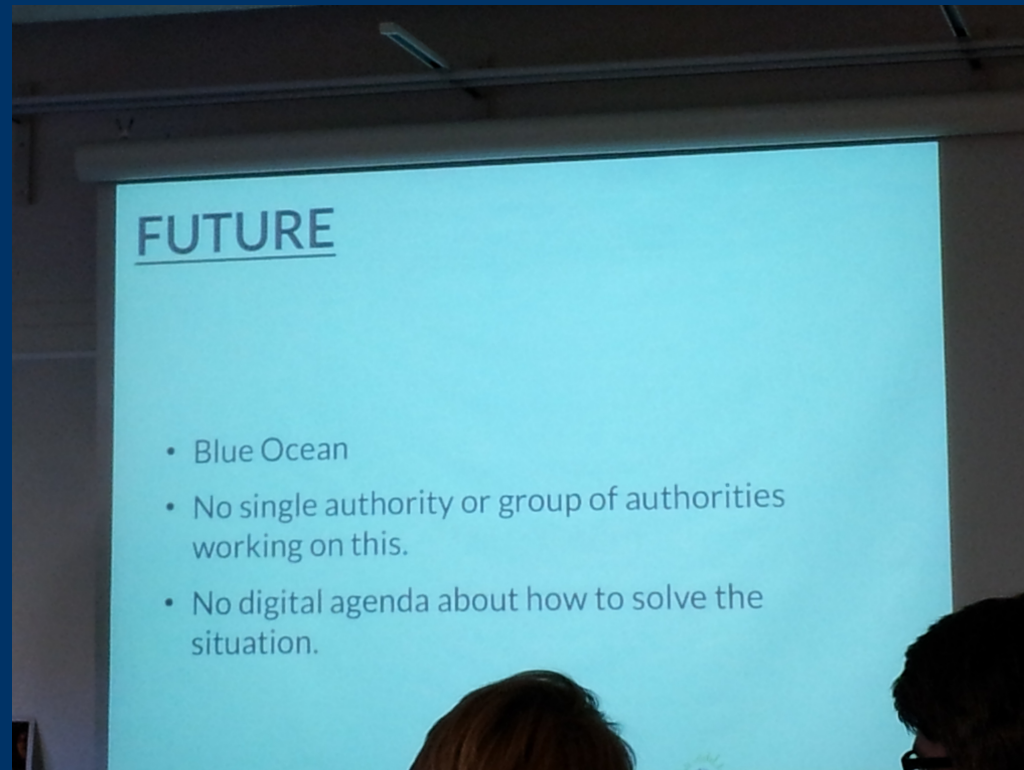 - disconnected operation (!)

Sounds to good to be feasible?

- Conceived >20 years ago at Carnegie-Mellon University, Pittsburgh, USA
- Supported in mainline Linux kernel since last millenium
- Has a global name space since 2002
- But still hardly known!

   http://www.coda.cs.cmu.edu

Android?.. Sure!

- On a laptop, looking at the picture just taken with an Android phone, directly globally accessible but safely protected by my ACLs

Listen to all your music files, everywhere?

- No screenshot here as there is no functional screenshotting / VNC-serving app at F-Droid.org ! :(

- See the live demonstration instead! :)

Coda File System

does the right thing

http://www.coda.cs.cmu.edu

http://codawiki.cse.chalmers.se