

HANJI

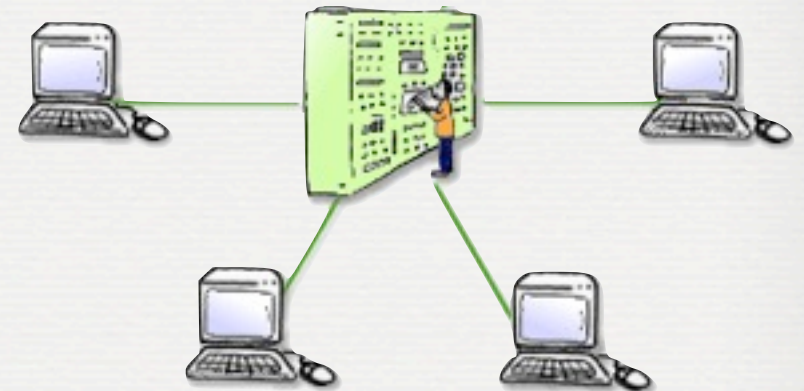
हां, जी (hā(n) djee): in Hindi, is commonly used to reply
about someone's request or call

A BIT OF HISTORY



IBM 7094 (1960)

the
mainframe



50 YEARS LATER...



iCloud (2011)

the
cloud



«SOCIAL NETWORKS»

- Personal informations willingly stored and processed on remote services
- Privacy relies on ever changing and more complex rules; still, the complexity of one's life cannot be grabbed (eg. what is a «friend»?)
- Legitimate questions:
 - Privacy? Flexibility? Tracability? Ownership?
Reversibility? Reliability? Security? Sustainability?
Control? Freedom?

WHAT NEXT?



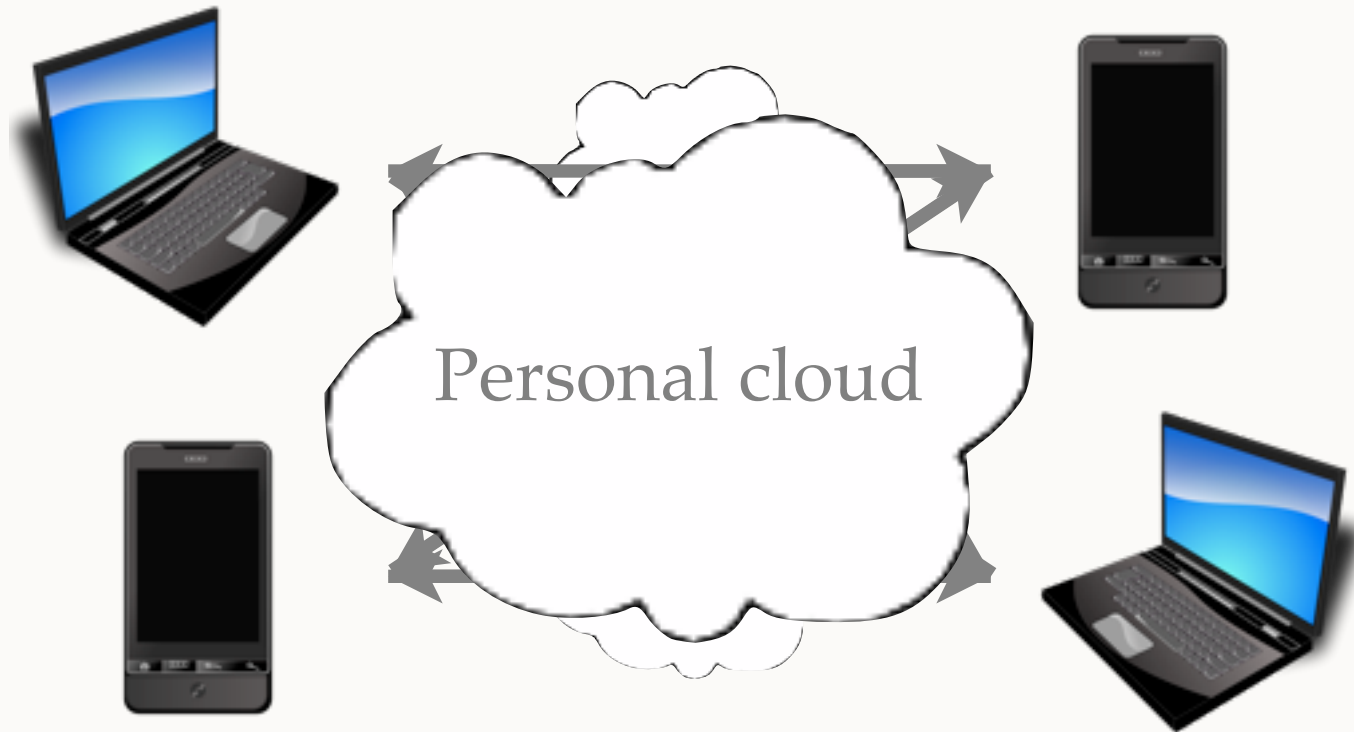
- Regain the control of

WHAT A PERSONAL CLOUD SHOULD BE

- Accessing all the data of all your devices as transparently as possible, from anywhere
- No need to send (upload) any data anywhere, unless for a good reason
- Should work even not connected to the Internet
 - Examples: standalone, private or firewalled networks

WEB OR STANDALONE APP?

- Each of your devices have pieces of information



- Let's access them, without any external provider!

SUMMARY

- Personal servers
 - Data stays in the devices: no need to upload anything
 - Web-based user interface
 - Virtually in any system (smartphone-mainframes)
- Beyond the client/server model
 - Clients can be servers too
- Resources friendly
 - Limited processing power, network, etc

TECHNOLOGY

- Open source and free
 - Python (Twisted, Django)
 - Javascript (Dojo)
- Planned: many exciting things to come!
 - OpenStack, Couchdb or MongoDB, Websockets
- Developed as a modular framework (distributable «applets»)
 - => Call to applications developers: we need you!