

LIS-3353

From here, forward...

Hardware

Topping out?

Moore's Law?

What CAN'T we do?

What CAN'T we conceive of?

Software

- Diversity of Development
 - Licenses
- - Purposes
- - Compensation/Deliverables/Fun?

(what is the marginal cost of software?)

A little more economics

Economies of Scale

Capitalism (the system) v. Capitalism (the culture)

“Incentives?” lol

Convenience (and magic)

- “Attach a device to your child that tracks everywhere they go and records nearly everything they do, and send that to a bunch of other companies – such that you have limited or no access to that data.”

We Are All Here Now (from underground to mainstream)

Government?

Schools?

Tech Companies?

Non-Tech Companies?

Everybody in between and otherwise?

So many good things...

- We can talk to everybody.

We can record everything.

-
- We can make anything.

The question of “Cybersecurity”

- Important issue, but, what's the threat?

Malicious Hackers

vs.

The Corporations / The Governments

(who may not have your best interests in mind)

Or worse; both:

Malicious hackers aided by the bad decisions
of Corporations / Governments

- e.g. password leaks or deliberate backdoors

Or WORSE worse

Governments/Corporations do something with that data that they TOTALLY said they wouldn't.

The Role of “Mobile”

- Attach a device to your child that tracks nearly everything she does, and sends most of that information to a third party who won't give you access to most of it.

Collusion:

- All the big companies are doing it to some extent, but some are at least appearing to try to fight it.

Silver Linings?

The end of shame?

- If everybody knows everybody's business, can this reduce shame/embarrassment?

Little Brother

- As opposed to “Big Brother”
- Yes, cameras are everywhere – but “we” control quite a few of them.

Why are we relying on companies for...

- Connections? (talking to our friends)
- Curation? (deciding what we watch?)
- Distribution? (downloading what we watch?)

“Freedombox”

A small, cheap Linux box with a hard drive that you keep at your house, connected to the internet.

Aka . . . Freedom instead of slavery.

Today

- Owncloud
- MPD
- Calibre
- Rsync
 - Etc

Tomorrow..

- Mesh Networking
- Secure, reliable, controllable social networking
- Free phone calls
- Your data = your home = your property

Who owns your data?

You will have to decide this, and then explain why to others.

Real life homework:

Just get a Linux box (raspberry pi)

Back up your important stuff to it

Play with it.

Real life homework:

Stay (technologically) woke?

Yer the wizards; you know more than other people.

Use that.

And let me know how I can help.