

# LIS-3353

From here, forward...

# A Little “Management”

# Technology disconnect:

- “I've got a great idea,” says the non-programmer, “I just need a geek to code it up for me and we (meaning I) will make millions!”
- Execution is key.

# Technology disconnect:

- Not difficult to see why; to the layperson:
  - - it looks like magic
  - - open source contribution is undervalued
  - - many ideas have not yet been successfully executed

# The Mythical Man Month:

(vs. Ditchdigging:)

If 1 person can dig 1 ditch in 1 day--

Then 2 people can dig 2 in a 1 day

8 people can dig 1 in an hour.

But what about websites or apps?

# The Mythical Man Month

In IT (and frequently, other projects)

Increasing workers increases complexity, and may actually INCREASE completion time.

(related, website by committee)

# Silicon Valley and the (vs. the?) Real World

# Hardware

Topping out?

Moore's Law?

What CAN'T we do?

What CAN'T we conceive of?



# Software

## Diversity of Development

- Environments (web, yikes)
- 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

# 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.

*23 and me, anyone?*

# 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.

# Your Eyeballs

- “News” is getting to you.

How?

# Big (specific) Idea

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
- Syncthing
  - 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.

# OK, what do I do?

- Turn off notifications.
- Curate your content
- Get you a Linux (Pi?)

# Turn off notifications?

Yep. Seriously. All of them if you can.

Definitely all of the ones that are not  
1) from a human AND  
2) to YOU personally.



# Curate your Content (by others)

You may not have a lot of choices in your life:

But one you do:

What you shove in your brain in your free time. You have **COMPLETE** control over this.

Occasional junk food is fine, but maintain a healthy diet.

# Curate your Content (by you)

If you care about it, get it in your hand. Your actual physical hand.

Buy a hard drive (or two!) and copy those pictures, movies, songs etc.

..similarly..

# Get you a Linux!

Not because bash and kernels and command line (which is cool, but not the main deal)..

But because –

It is the **ONLY** one that you can **FULLY** control.

# What else?

Besides saving the world?

I don't know, you tell me. Do it in your project.

Good Luck!