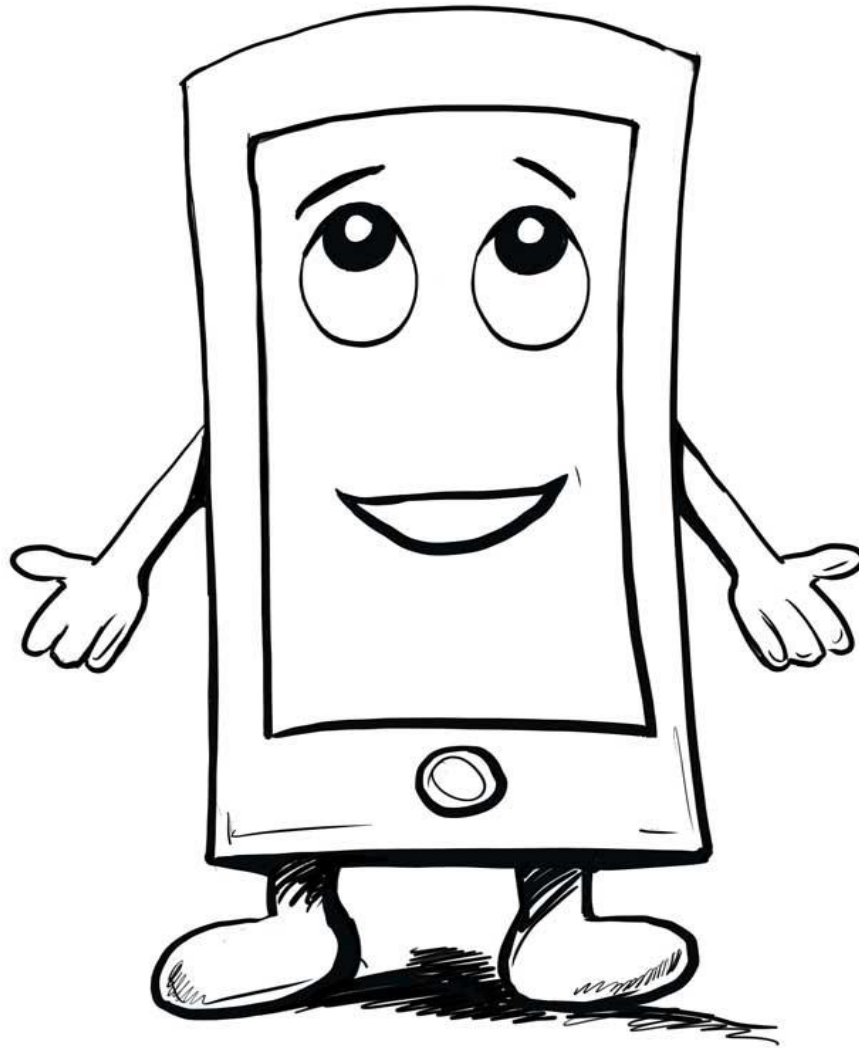


The Promises and Perils of Mobile Communication.

By
Stephen Ingram
Northport-East Northport Public Library
President CATS



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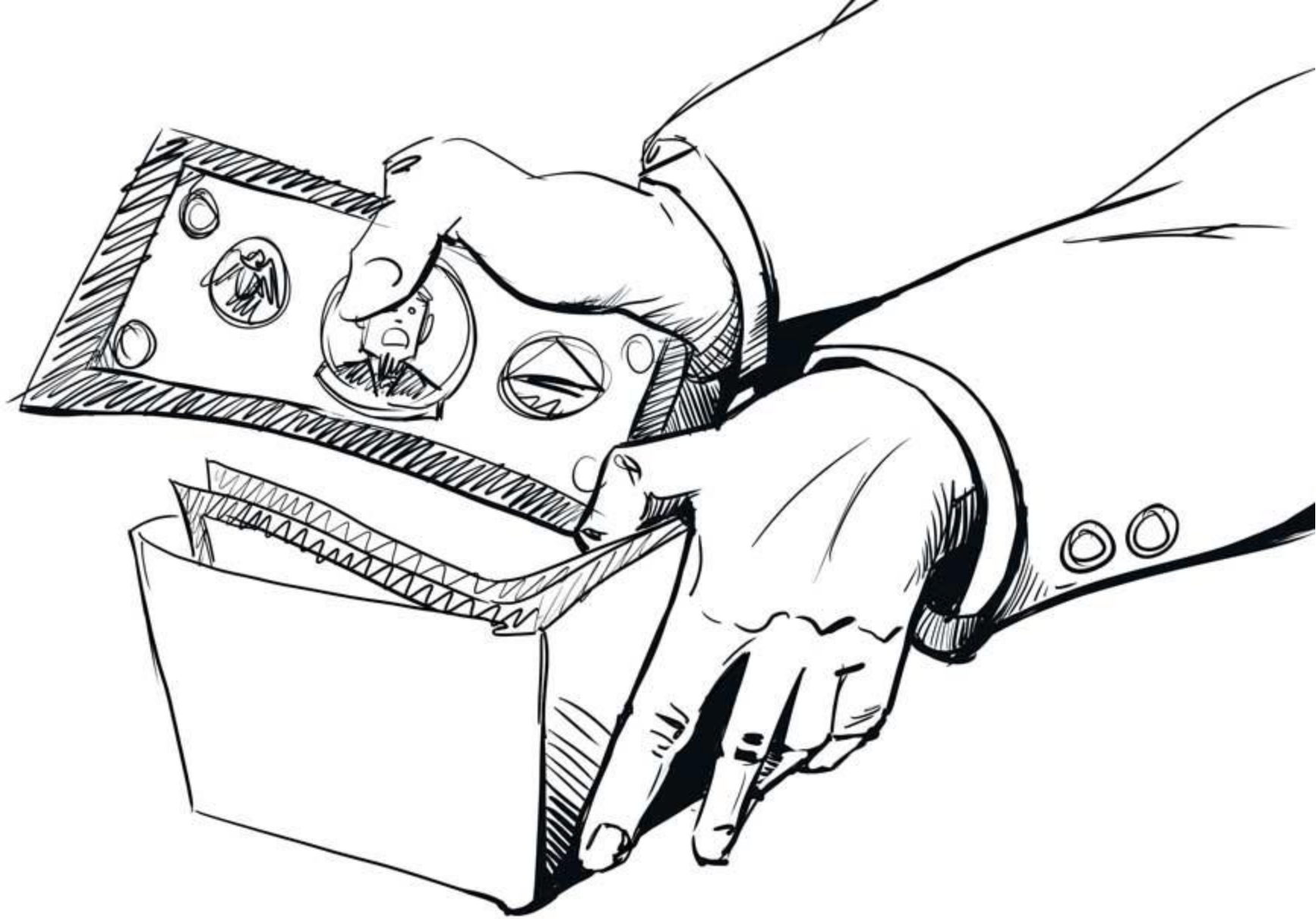
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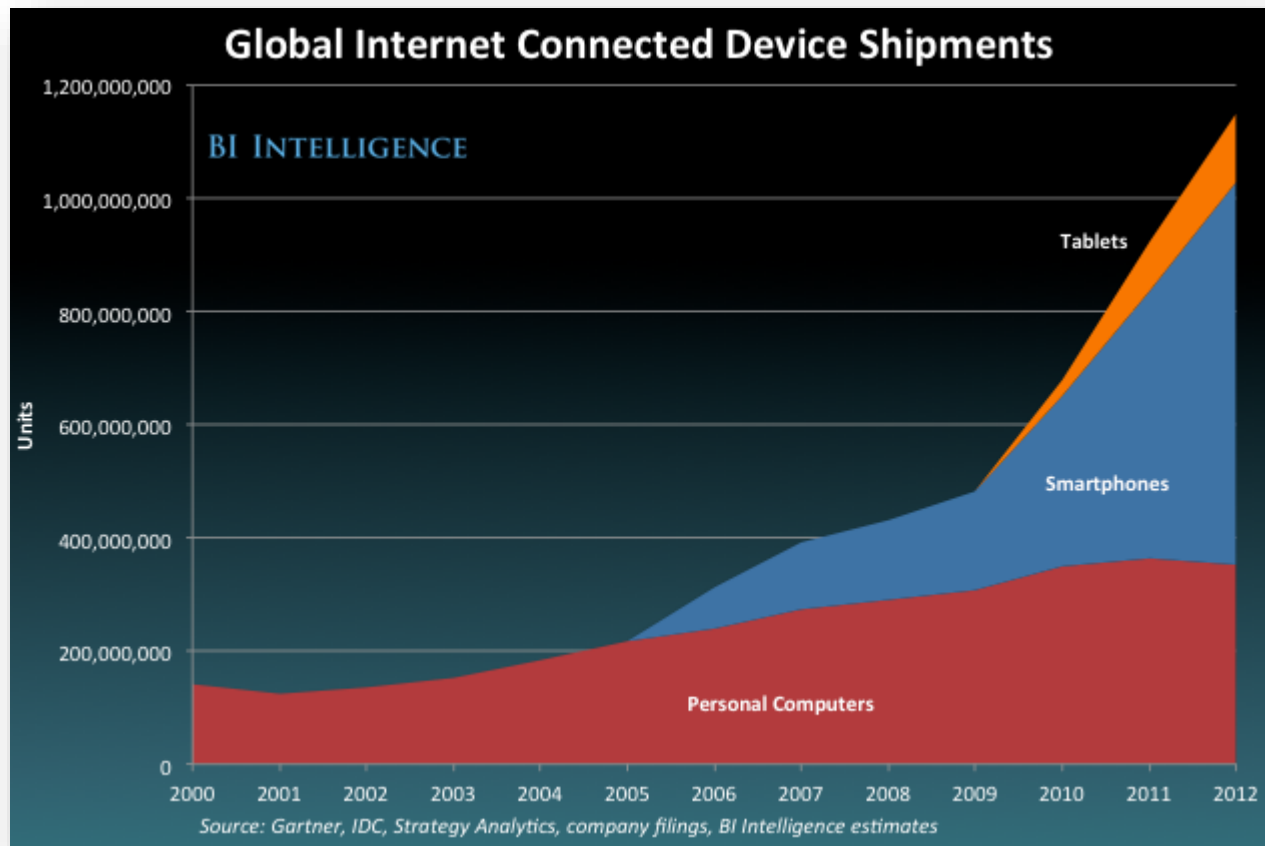
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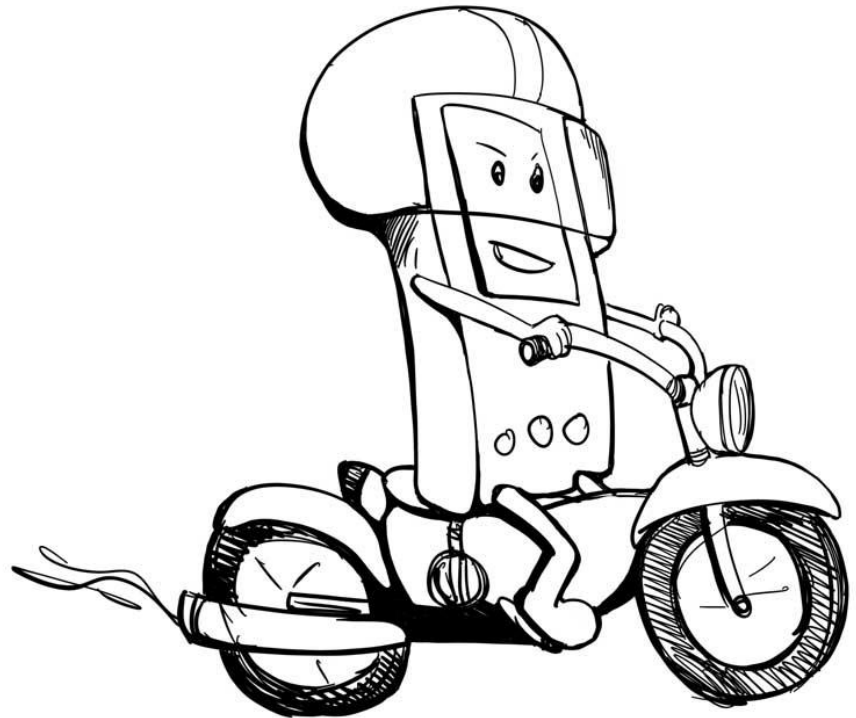


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<http://www.businessinsider.com/where-we-are-in-the-smartphone-revolution-2013-3>

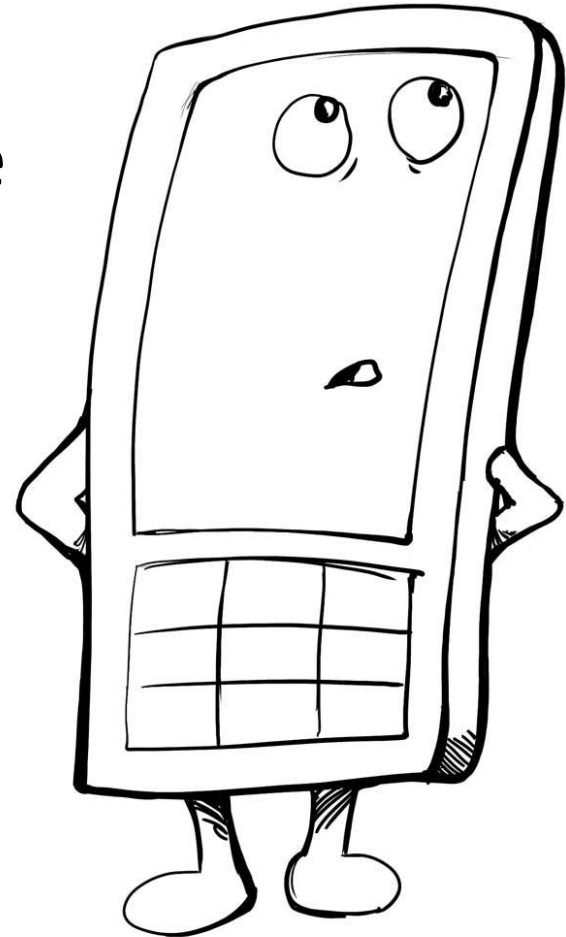
What is mobile?

- How we communicate, what we use and how we process and create information on the go.

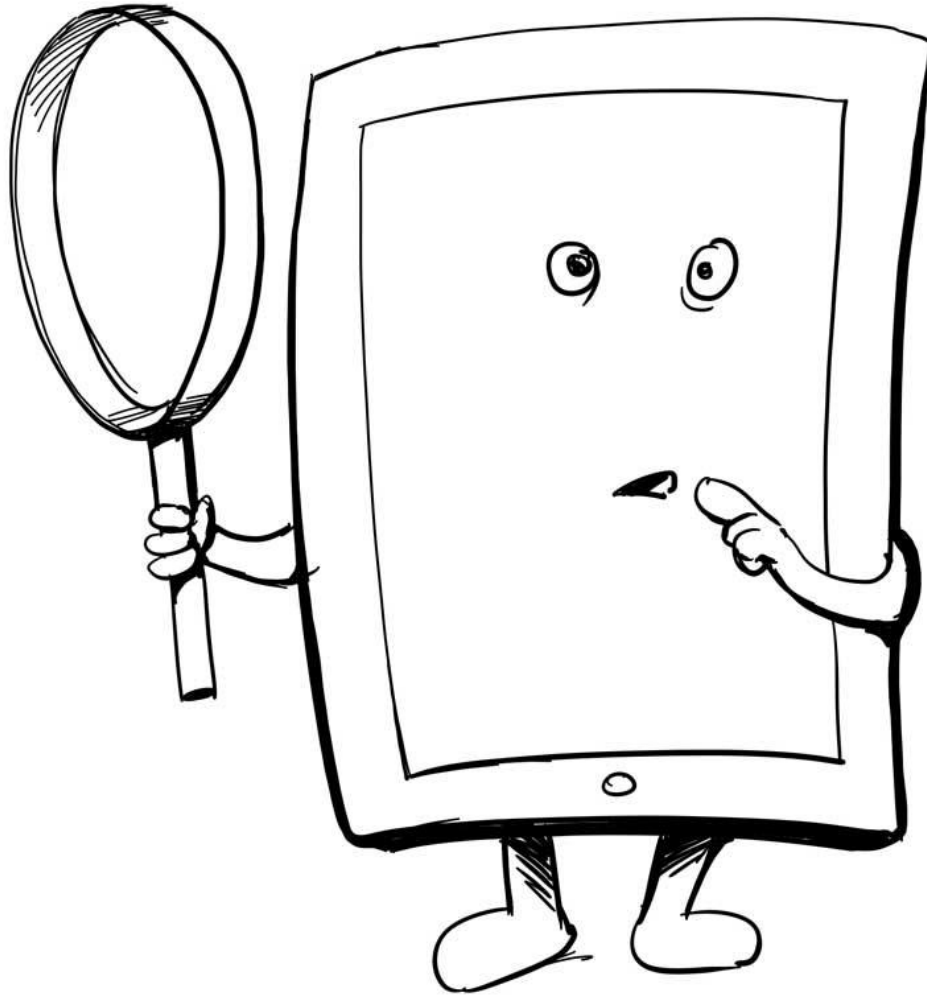


Why is mobile perilous?

- Ignores Privacy.
- Limits us through hardware and software.
- Controls the future of your data.



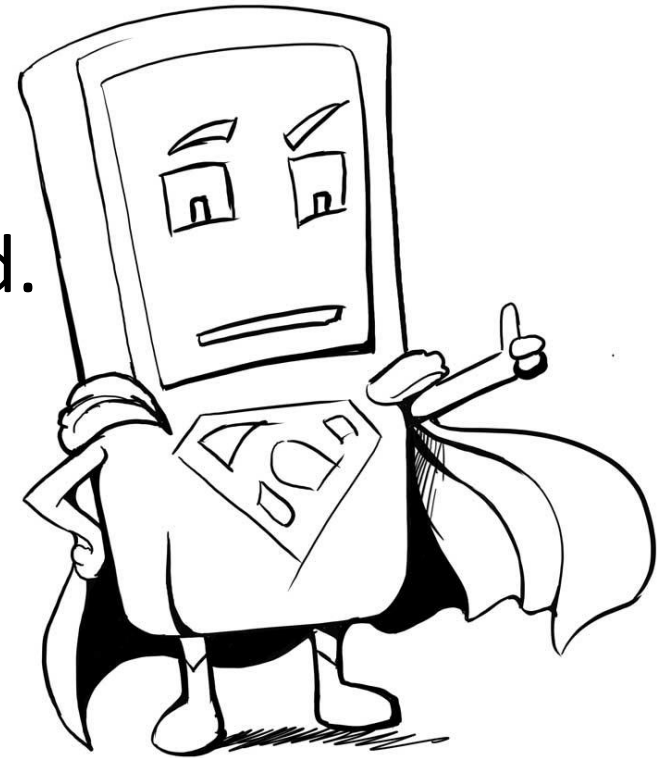
Privacy



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Why should we care about and defend your privacy?

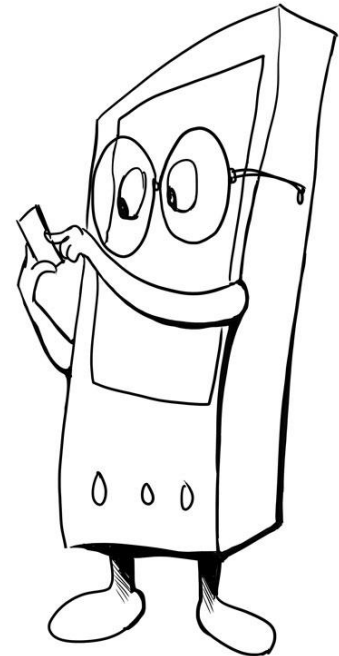
- Information about you has value.
- There is no anonymity online.
- There are people out there who need their data protected.




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Architecture

- Public conversation are private by default.
- Online conversations are public by default.
- Death of personal privacy in public spaces.



Collusion for Chrome

 vimeocdn.com

This site is informed when you visit the following sites:

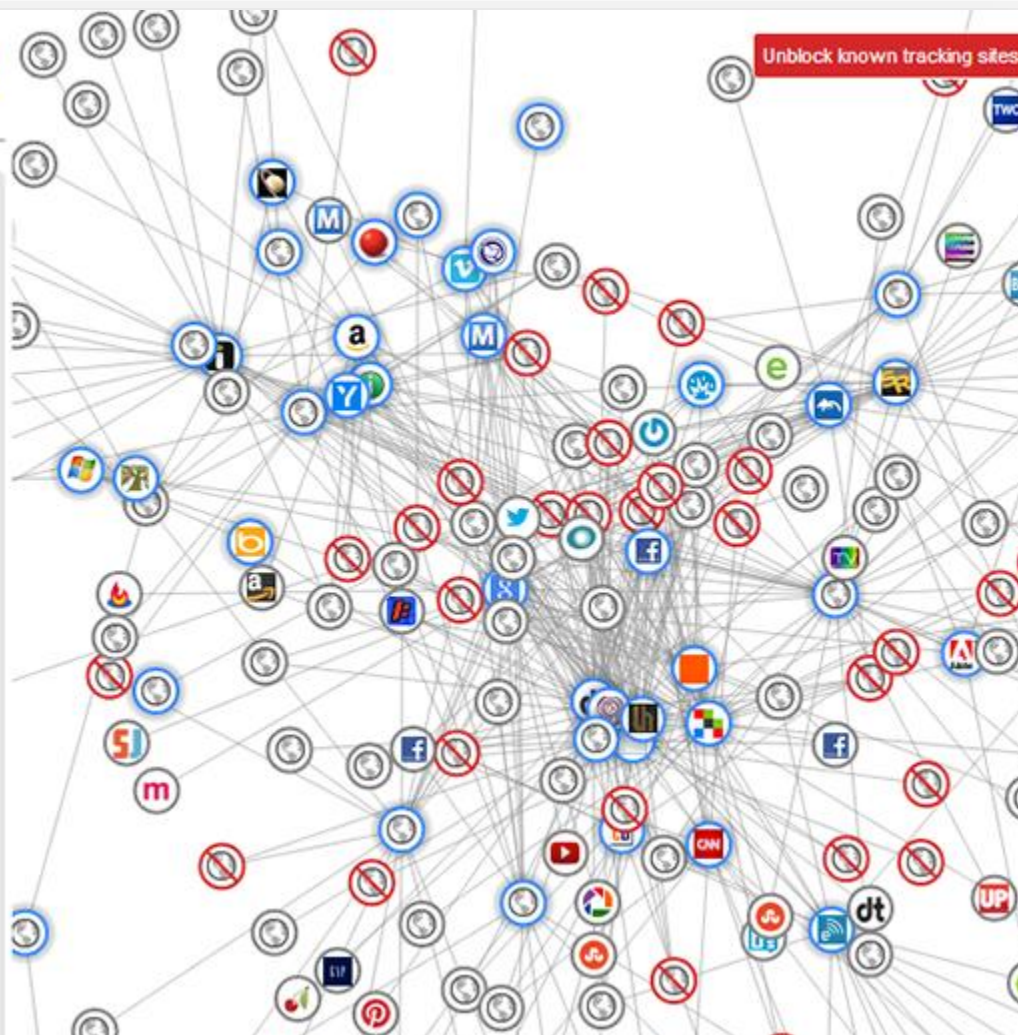
- vimeo.com
- google.com
- engadget.com
- gizmodo.com
- allthingsd.com
- geeksofdoom.com
- wegothiscovered.com
- deathandtaxesmag.com
- io9.com
- fileinfo.com
- ehow.com
- drudgereport.com
- wunderground.com
- dailymail.co.uk
- lifehacker.com
- getrichslowly.org
- nasa.gov

Reset the graph

Hide inactive sites

Hide the sidebar

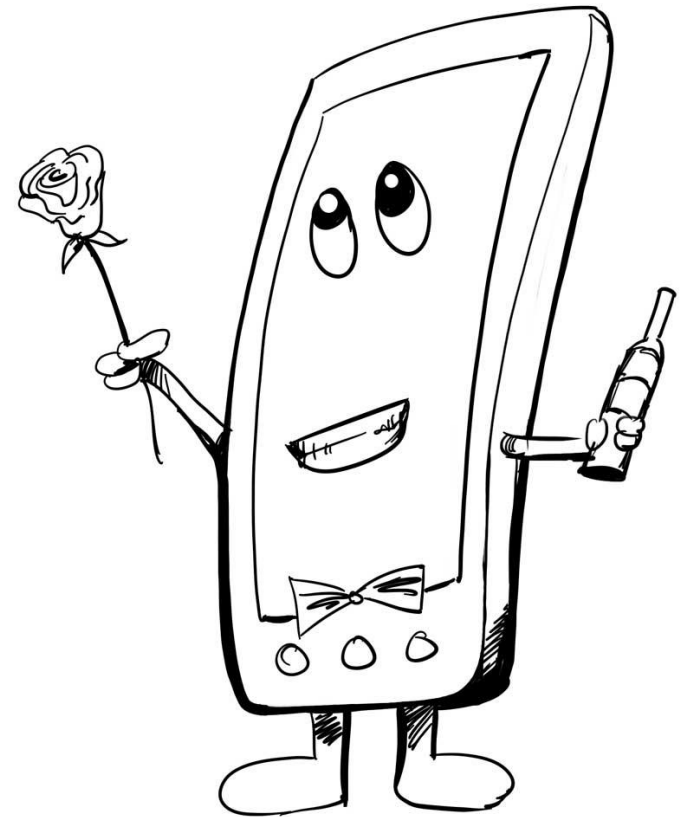
Hide the tracking counter



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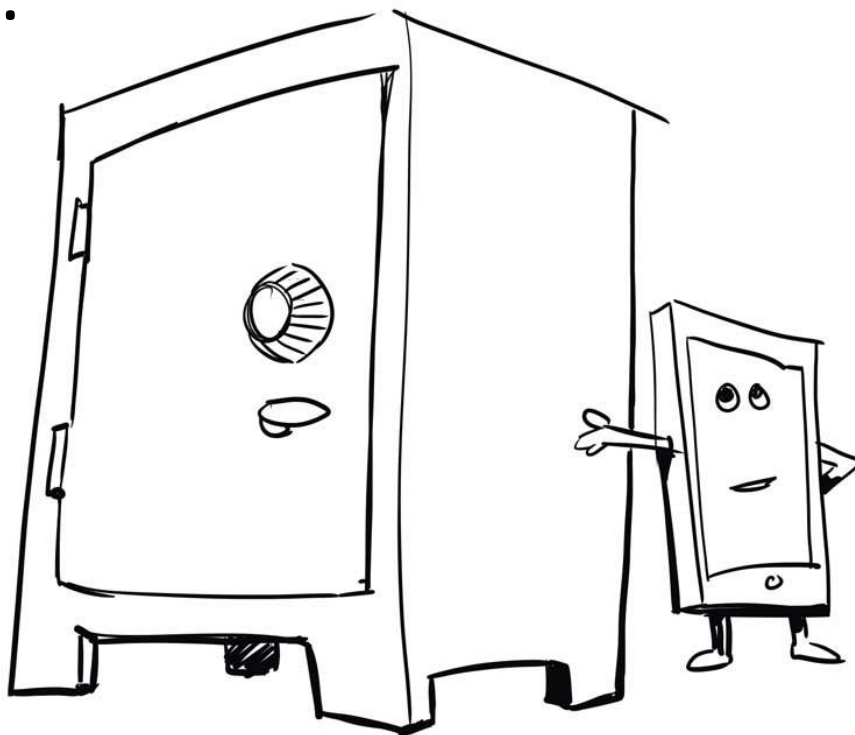
Data equals money

- You are being slowly seduced into giving up your privacy.
- Billion dollar industry.
- Acxiom, Corelogic, Datalogix.



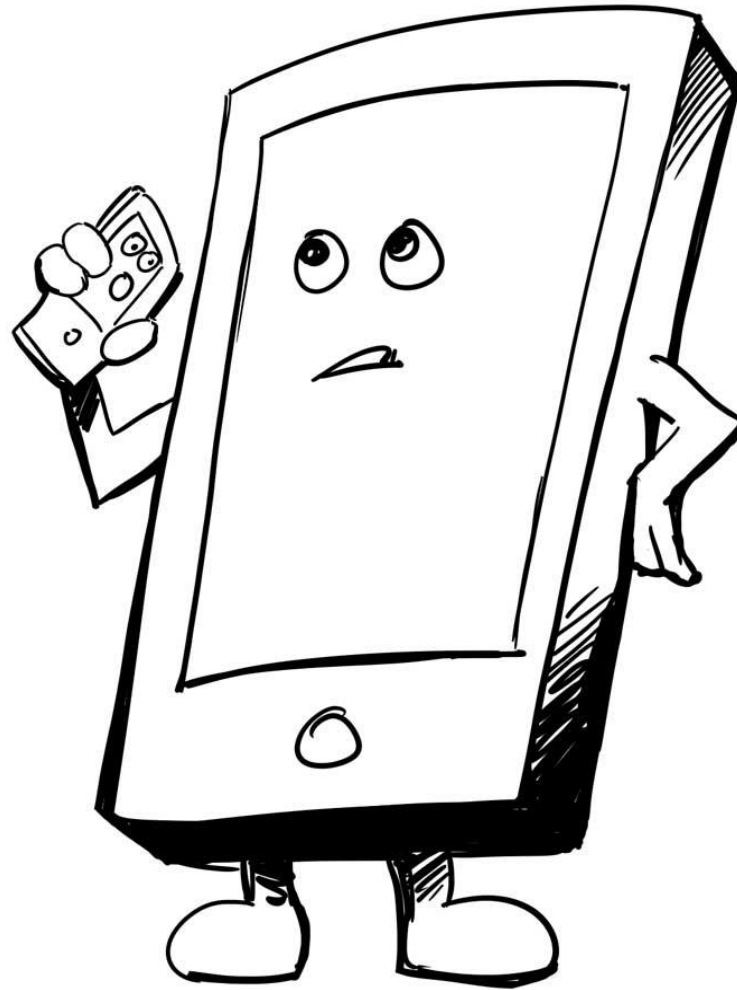
Your data is not safe

- Last major privacy law was written in 1986.
- Hacking is a business.
- CISPA (Cyber Intelligence Sharing and Protection Act)



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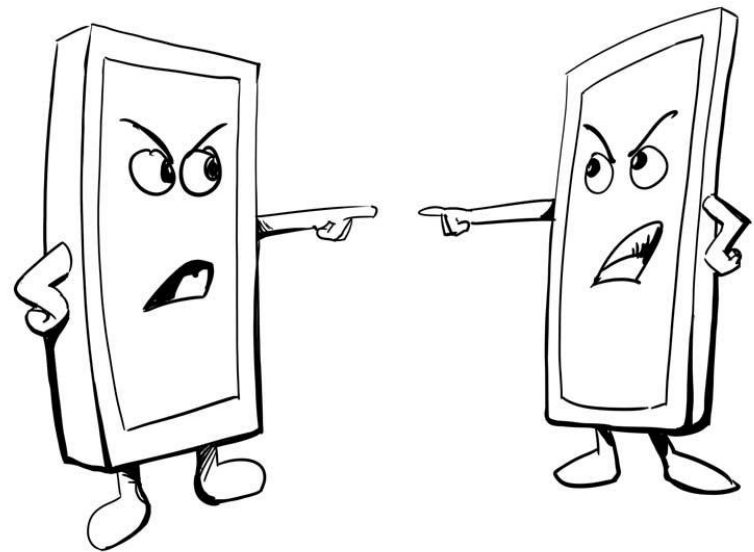
Hardware and Software



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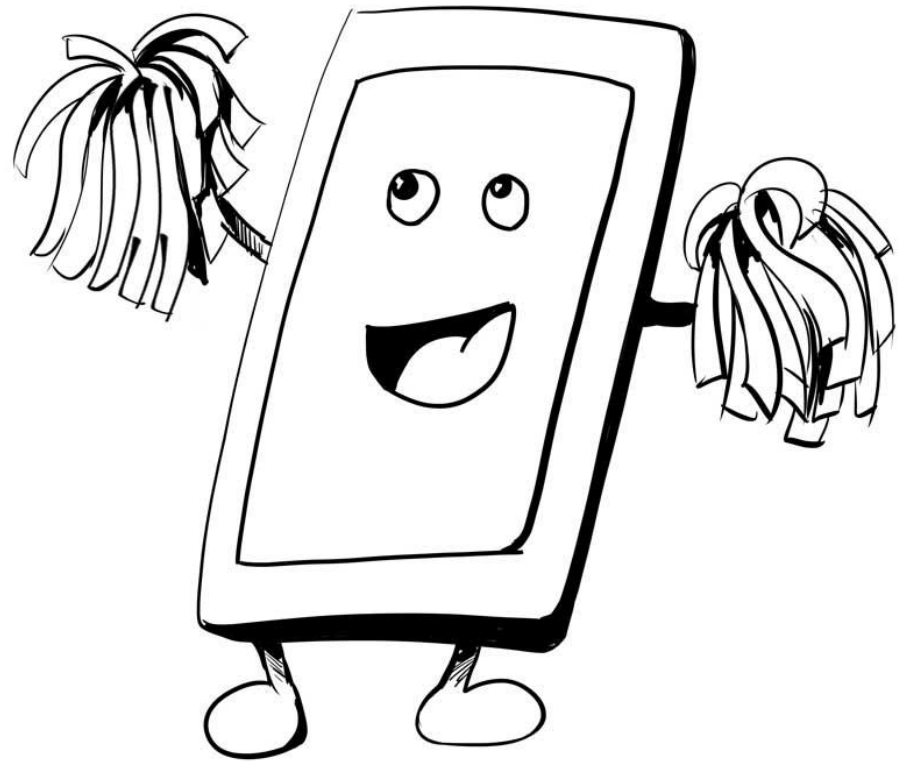
Technology is becoming ubiquitous.

- Tracking Devices.
- Smartphones and tablets are almost available for every social strata.
- Every company is creating their own hardware and software.



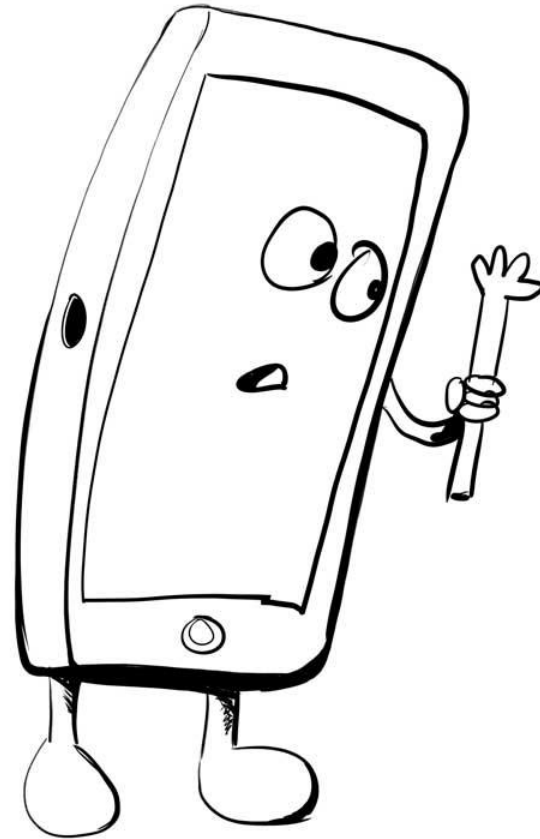
Good enough.

- PC markets are crashing.
- Competition is fierce for same services.
- Signs of saturation.



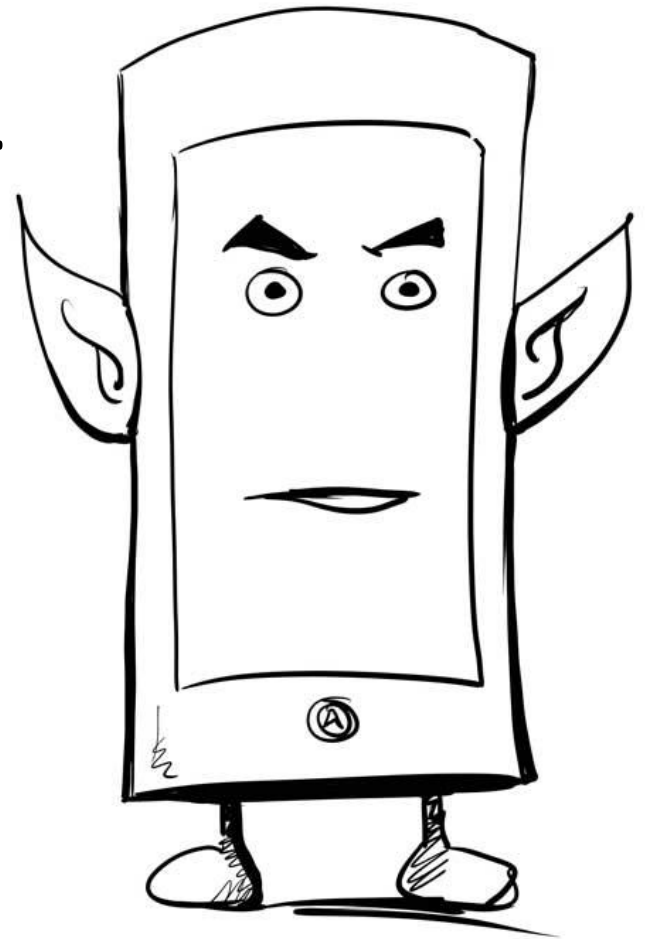
Cheap Tech

- Give you the razor while you pay for blades.
- Planned obsolescence.
- Price limits capability.

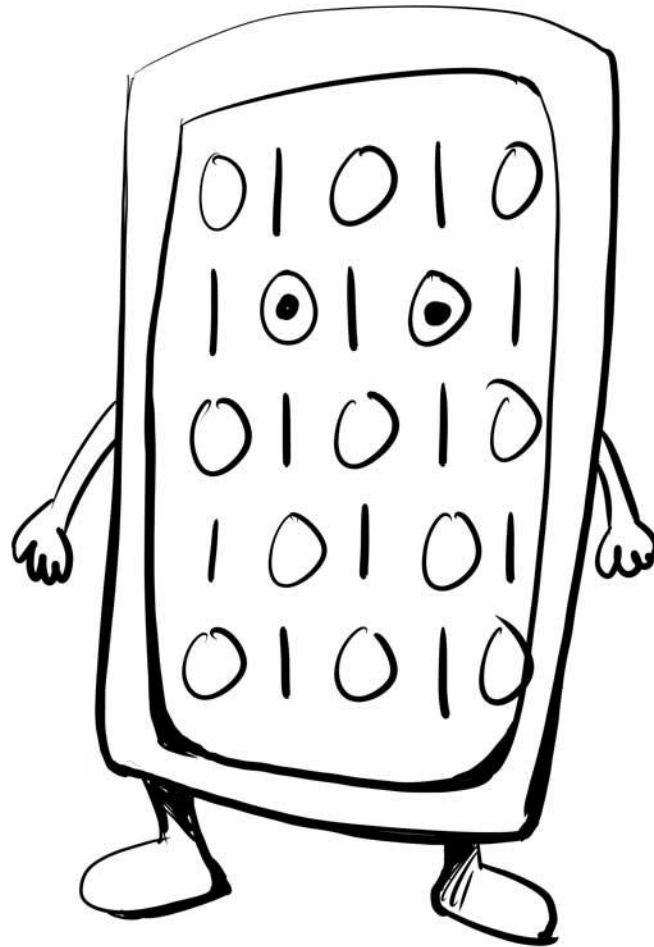


Future Tech

- Locked or trapped.
- All will be mobile computing.
- All will be cloud.

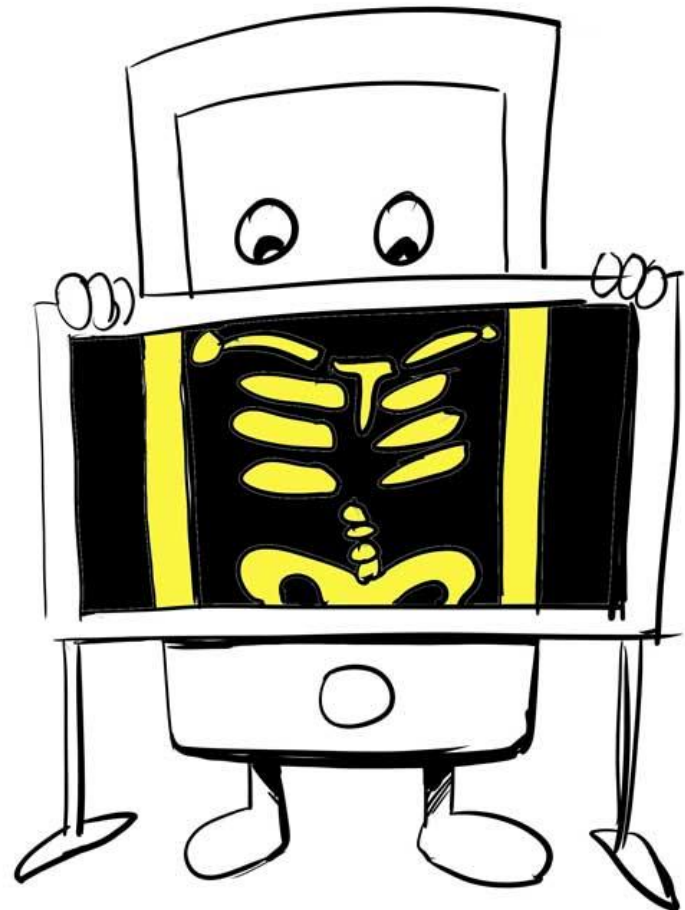


Data



Big Data

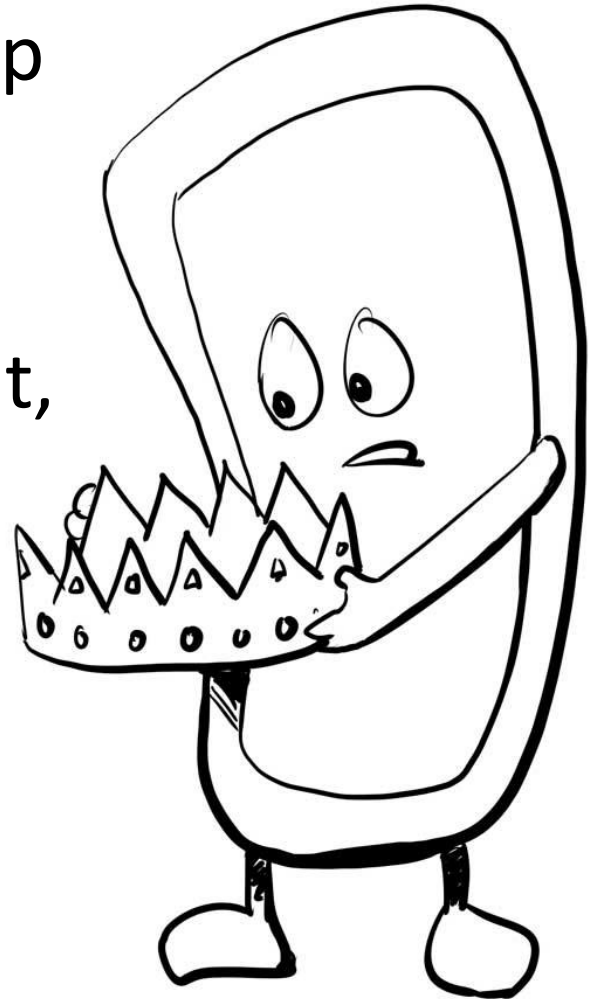
- Internet is free but you pay for access.
- Targeted adds.
- Predictive policing.



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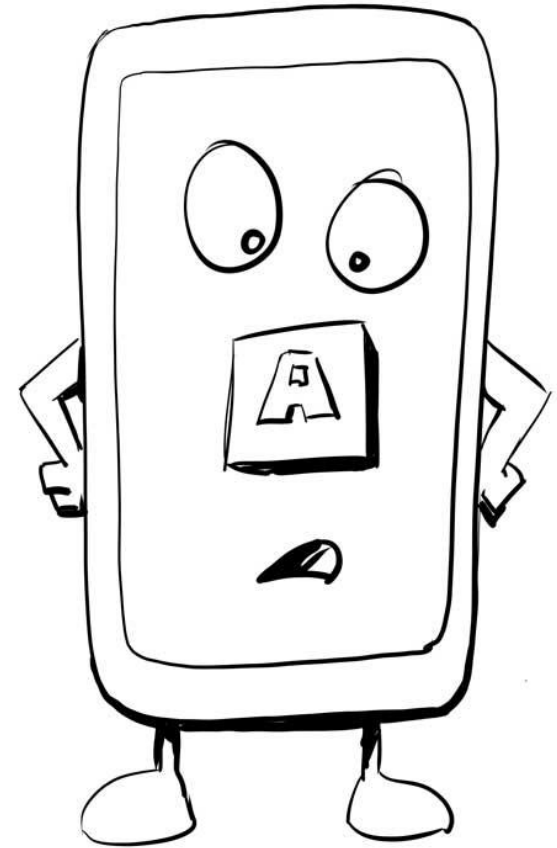
Content is not king

- Content creators do not reap the benefits.
- Money is made from controlling access to content, not content.
- Content is becoming segmented.



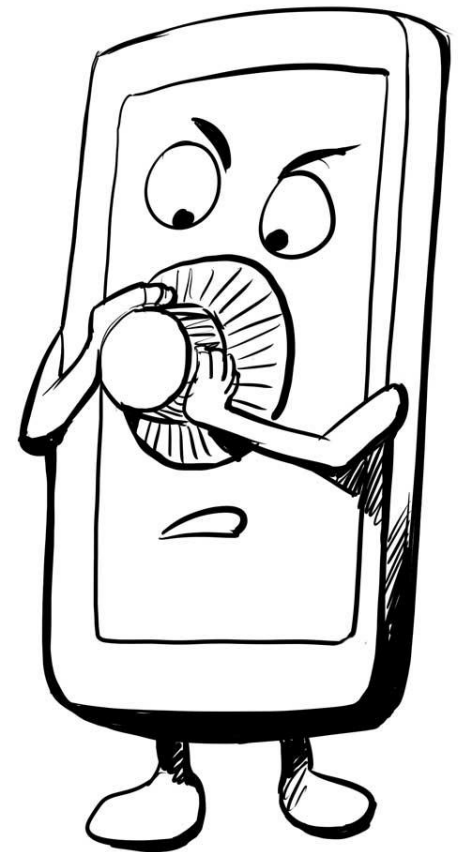
It's an app world

- Mobile Apps largest time spent on the mobile web.
- Games largest app category followed by social.
- Leak personal information.



Security

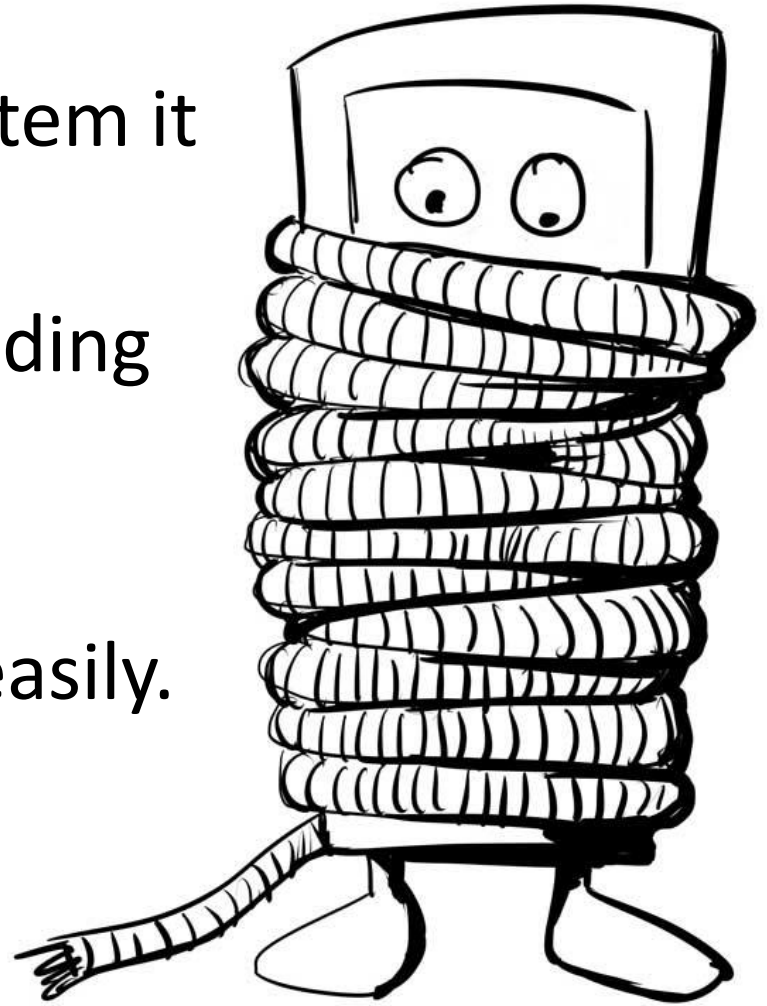
- At this point every major company has been hacked at some point.
- Hacks can access your past as well as your current information.
- Hacking is a corporate business, not a small business.



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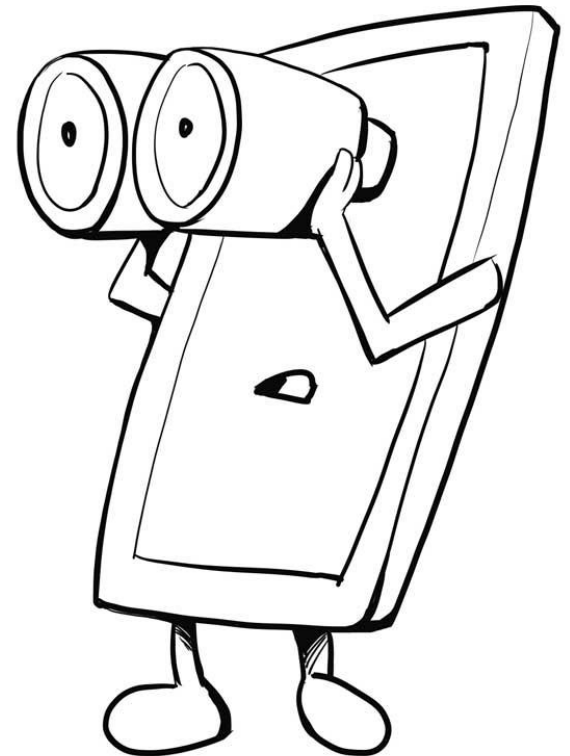
Ecosystem

- Once you enter an ecosystem it is difficult to leave.
- Ecosystems survive by feeding off the organisms in their environment.
- Ecosystems can collapse easily.



Conclusion

- We have very limited control over what is being monitored and how long data is being collected.
- Need better understanding of privacy.
- Better policies from our government and corporate environment.



How do you make mobile less perilous?

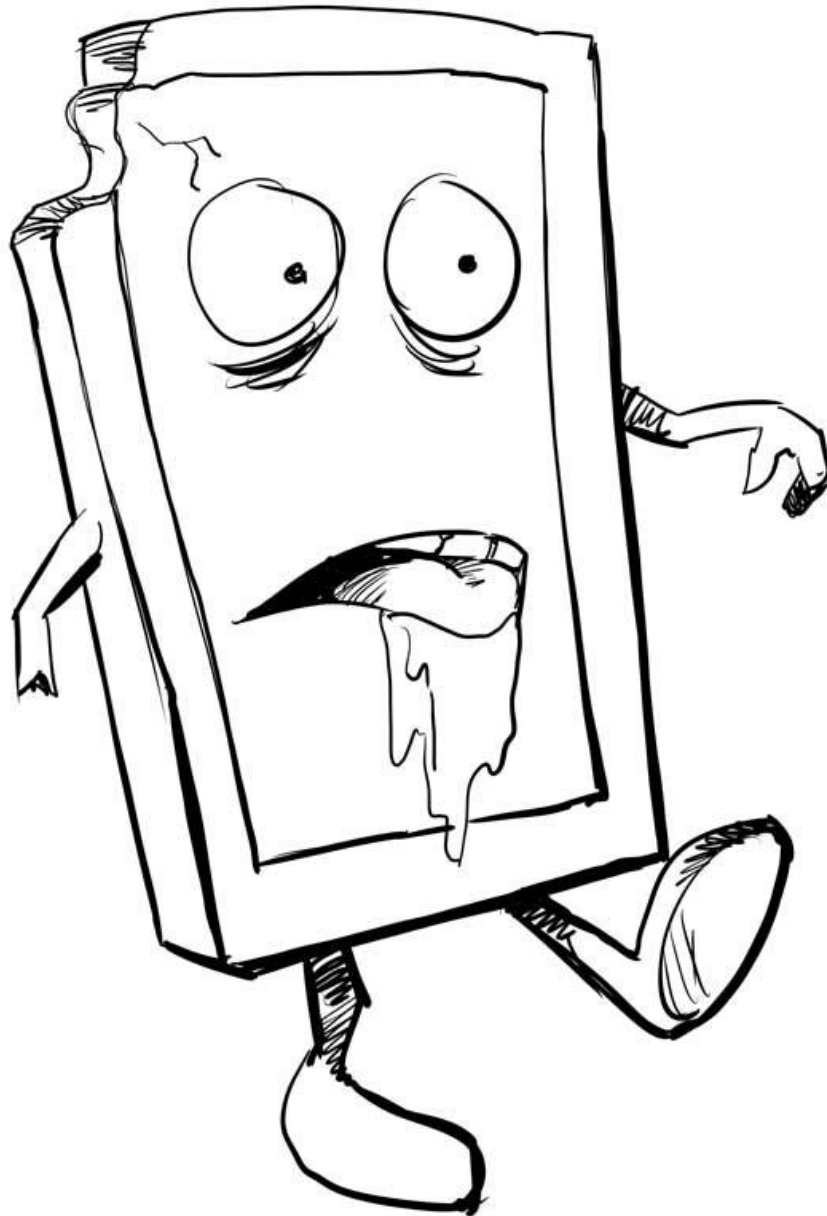
- Take privacy seriously.
- Learn about the data retention policies for the devices and services that you use.
- Keep software and antivirus up to date.
- Alternate browsers and Virtual Private Networks exist to limit privacy intrusion.
- Practice safe password procedures.



**Through technology you can
learn about the world and the
world can learn about you.**



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Links

- <https://blogs.mcafee.com/consumer/online-safety-survey2012>
- <http://www.wired.com/gadgetlab/2012/08/apple-amazon-mat-honan-hacking/all/>
- <http://www.tor.com/blogs/2012/10/you-are-not-anonymous-on-internet-privacy-and-the-war-on-trolls?>
- <http://mashable.com/2012/10/01/security-breach-consumers/>
- <http://www.zeit.de/digital/datenschutz/2011-03/data-protection-malte-spitz>
- <http://www.businessinsider.com/bii-mobile-insights-here-are-next-generation-mobile-experiences2-2012-10>
- <http://lifehacker.com/5959080/how-to-stop-spies-from-digging-up-your-personal-information>
- <http://gizmodo.com/5960954/throw-away-all-your-electronics-because-theyre-all-turning-into-narcs>
- http://mashable.com/2013/01/08/lost-phone-apps-privacy/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+Mashable+%28Mashable%29&utm_content=Google+Reader

