

Offset	Topic
00:17	<ul style="list-style-type: none"> <li>• <b>Intro</b></li> </ul>
	<ul style="list-style-type: none"> <li>• Honesty in action</li> </ul>
03:19	<ul style="list-style-type: none"> <li>• <b>Security Alerts</b></li> </ul>
03:38	<ul style="list-style-type: none"> <li>• Cracking wireless keyboards               <ul style="list-style-type: none"> <li>• <a href="http://blog.makezine.com/archive/2007/12/crackin_wireless_keyboard.html?CMP=OTC-0D6B48984890">http://blog.makezine.com/archive/2007/12/crackin_wireless_keyboard.html?CMP=OTC-0D6B48984890</a></li> <li>• This is actually a continuation in the arms race between hackers and vendors</li> <li>• Hack-a-day article mentions earlier black hat talk</li> <li>• Latest work is with encryption built into specific Microsoft models</li> <li>• Encryption is a simple one byte xor</li> <li>• The byte operand is determined at handshake between keyboard and receiver</li> <li>• Can sniff that initial window</li> <li>• Use of a single byte limits the search space</li> <li>• A dictionary attack means any given byte key can be solved in 20 to 50 key strokes</li> <li>• Just a reminder that the convenience of a wireless keyboard is a trade off with the security of a wired keyboard</li> <li>• Have to bare in mind that wired keyboards also have problems, like key loggers</li> </ul> </li> </ul>
06:10	<ul style="list-style-type: none"> <li>• How to stop Facebook's controversial Beacon feature               <ul style="list-style-type: none"> <li>• <a href="http://feeds.wired.com/~r/wired/topheadlines/~3/195674555/facebook-is-al.html">http://feeds.wired.com/~r/wired/topheadlines/~3/195674555/facebook-is-al.html</a></li> <li>• The problem is Facebook is tracking data after you log out</li> <li>• Coupled with Beacon, which as a feature tracked external activity, this caused considerable back lash</li> <li>• Beacon was emitting notifications of purchases, often ruining holiday shopping surprises for friends</li> <li>• Changed Beacon to make it opt-in</li> <li>• Further changed it to fully opt-out</li> <li>• Was enabled by the extensive add network, correlating through third parties</li> <li>• Similar to other practices, probably made damning by popularity</li> <li>• Can also prevent third party tracking by preventing cookies</li> <li>• Don't use "remember me" on any site</li> <li>• Use your own, local password manager</li> </ul> </li> </ul>
11:30	<ul style="list-style-type: none"> <li>• <b>News</b></li> </ul>
11:44	<ul style="list-style-type: none"> <li>• America's top anti-tech orgs               <ul style="list-style-type: none"> <li>• <a href="http://feeds.feedburner.com/~r/boingboing/iBag/~3/194355461/americas-top-antitec.html">http://feeds.feedburner.com/~r/boingboing/iBag/~3/194355461/americas-top-antitec.html</a></li> </ul> </li> </ul>

## Offset

## Topic

16:54

20:22

- The problem is unclear or absent values, principles
  - Fair use, freedom of speech are not technology values, but independent principles
  - Copyright, patent institute values but they are hotly debated
  - Lack of a national broad band policy to define access, adoption, infrastructure
- I think putting as "anti-tech" is as much of a mistake
- Gives these organizations more power, will be able to continue to frame the debate
- Finding independent values provides a yard stick to measure all comers
- The tech companies of today could be the anti-techs of tomorrow
- Has happened before
- More on list of anti-tech orgs
  - <http://techdirt.com/articles/20071203/025437.shtml>
  - Points out some curious omissions and duplication
  - Also disagrees with the underlying argument of the list
  - Argues that all the companies should be "pro tech"
  - Speculates about how industry would be different if they had embraced tech
  - The implication is these are groups who've fought to put industry in stasis
- "Engineering" usability
  - <http://www.scottberkun.com/blog/2007/usability-is-not-a-verb/>
  - Argues usability is a quality of a product
  - It is not an activity, like coding or testing
  - Argues that as such, impact of a dedicated expert is limited
  - Two approaches to getting usability into products
    - Manage those who create it
    - Become a more affective advocate
  - With the latter, has more suggestions
    - Learn how to better persuade, politic
    - Target your efforts to those who directly contribute to product
  - Good lessons for other qualities of software
  - Security, for instance
    - We have CSO's now and CIO/CTO who have to incorporate security
    - Still have problems of effective advocacy in the security space
    - Other principles even less served, like reliability, manageability
- House passes SAFE act
  - <http://techdirt.com/articles/20071206/023423.shtml>
  - Another child protection law
  - Still riddled with overly broad definitions of objectionable material

## Offset

## Topic

24:53

- Places burden on service providers, must register and report, as well as possibly retain data
  - Not sure what constitutes being "made aware"
  - Is this a complaint system like DMCA or actively policing like struck down portions of the CDA?
- Two curious aspects are how it was rushed and that there are already laws requiring similar responsibilities of service providers
- Is the rush a response to past defeats?
- Shouldn't sponsors, supporters take those defeats as signs they need to reconsider their approach to the issue?
- Re-considering the SAFE act
  - <http://feeds.arstechnica.com/~r/arstechnica/BAaf/~3/196438765/20071206-safe-act-wont-turn-mom-and-pop-shops-into-wifi-cops.html>
  - According to Ars, this is just an upping of penalties
  - Also adds retention requirement
  - Answers the question about active monitoring versus complaint
  - ISPs are not expected to actively police, must simply respond when made aware, through complaint or other passive to them mechanism
- SAFE author claims not intended to cover WiFi
  - <http://techdirt.com/articles/20071207/113930.shtml>
  - Makes Techdirt's interpretation a bit more consistent with Ars
  - Does worry that the text, not intent, is what judges will decide cases on
  - Sadly, the bill's author makes no promises of amending the text
- Major breakthrough in spintronics
  - <http://rss.slashdot.org/~r/slashdot/eqWf/~3/195401491/article.pl>
  - Spin is a separate quantum effect with an electron from charge
  - Similar to or a form of magnetism
  - Can be used in conjunction with charge
  - Used alone has lower power consumption, heat output
  - Expected applications also include far higher density fixed storage and memory
  - Has been used to varying degrees in mass storage since 1998
  - Navy Research Lab has shown modifying, measuring spin in silicon
  - Key step towards use of spin alone
  - Use in silicon leads to natural transition from scale dependent electronics to spintronics
  - Article doesn't say how spintronics scale

27:40

- **tail -f**

27:59

- AT&T claims openness for their network, too
  - <http://feeds.engadget.com/~r/weblogsinc/engadget/~3/195966166/>
  - No real details offered

## Offset

## Topic

29:52

- Means that they are defining openness as their use of GSM
- You can take a SIM card for any device to another device
- The fact that they would not say whether they would market openness says something
- This, along with Verizon, may have more to do with forthcoming wireless auction
- Om Malik wants carriers to define what they mean by "open"
  - <http://feeds.boingboing.net/~r/boingboing/gadgets/~3/196226532/quotable-om-on-open.html>
  - Confirms this is a non-story
  - Problem of defining "open" predates telcos
  - Says this is the problem with recent telco activity, what does open mean?
  - Suggest they are capitalizing on this lack of definition
  - Doesn't entertain any speculation about open, though
  - Again, a positive value would help
  - I think open is more valuable across carriers
  - Who cares if AT&T uses TCP/IP and PPP if their practices or coverage suck otherwise?
  - Number portability is not good enough
  - How can small players innovate if they are effectively sandboxed per provider?

32:42

## • **Outro**

- Contact me
  - Email to [feedback@thecommandline.net](mailto:feedback@thecommandline.net)
  - Web site at <http://thecommandline.net/>
  - IM to [command.line@skype](mailto:command.line@skype)
  - Listener comment line is 240-949-2638
  - [del.icio.us](http://del.icio.us) tag is "for:cmdln"
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