

Offset	Topic
00:17	<ul style="list-style-type: none"> • Intro
	<ul style="list-style-type: none"> • OmniFocus review <ul style="list-style-type: none"> • http://www.omnigroup.com/applications/omnifocus/ • Not a fan of GTD, per se • Had been trying to get more organized • Whiteboard full of work tasks • Started by pulling into outliner, OmniOutliner • Didn't do much to help track progress, prioritize • Remembered Omni had a task manager • Not free but cheaper if you already have OmniOutliner • After one week, I like it • Especially like the inbox hot key • Ability to define different perspectives great for separating work, personal views • Uses simple model, task, project context • Follows capture, organize, do cycle in GTD • Not wedded to GTD • Recommend some tool, easy to search for GTD or to do or task manager • I supplement with a report notebook from moleskine • Biggest trick for me has always been capture • Organize data is easy after years of practice • Not having to remember next actions is best secret for low stress
07:14	<ul style="list-style-type: none"> • Security Alerts
07:33	<ul style="list-style-type: none"> • Pre-testing of malware foils generic commercial detectors <ul style="list-style-type: none"> • http://go.theregister.com/feed/www.theregister.co.uk/2008/03/03/underground_malware_testing/ • One reason that malware gets harder to detect • Any tool for doing so can be acquired by attackers • Why I think forbidding tools like Metasploit is foolish • In the article, authors are using knock off tool • Apparently because the legit tool now phones home • Helps better identify new threats, characterize unknowns • Clever means to prevent pre-testing • The value of pre-testing means attackers clearly will find ways around
08:49	<ul style="list-style-type: none"> • New tool cracks Windows passwords in seconds <ul style="list-style-type: none"> • http://www.hackszine.com/blog/archive/2008/03/ram_dump_over_firewire.html?CMP=OTC-7G2N43923558

Offset

Topic

- FireWire supports for direct memory access
- This means you can access all memory from a target PC
 - Must physically connect by FireWire
 - Attacking machine must impersonate appropriate device
- Adam Boileau released Linux utility to do just that
- By connecting to target XP system can overwrite admin password
- The DMA access is a feature of the spec, not a flaw
- Boileau's tool can even extract BIOS passwords
- Such passwords often recommended to foil physical access attacks
- Doesn't appear to be any defense
- Maybe someone will figure out an easy way to toggle the ports
- Simple step to enable for use, then disable when not in use

11:09

• News

11:23

- Rudy Rucker vs. the singularity
 - <http://feeds.feedburner.com/~r/boingboing/iBag/~3/245501701/rudy-rucker-versus-t.html>
 - Singularity is the idea change is accelerating asymptotically
 - When it approaches asymptote, we cannot understand that
 - Like a singularity, it is an event horizon past which we cannot see
 - In SF, common trope of singularity futures is computronium
 - Stross coined the term in Accelerando
 - One possible element beyond singularity is post human intelligence
 - Runs on silicon or other non-biological substrate
 - Material science will have improved to allow conversion of all matter
 - Change to matter with maximum computational density
 - In a variation, normal humans may be uploaded, simulated
 - In his latest, Postsingular, Rucker questions these ideas
 - Rucker believes the universe itself is computation
 - As such, matter is not dumb, is computing itself in realtime
 - Sees hubris in idea of human descended intelligence trying to outdo universe
 - Cites actual work in computer science
 - Wolfram's computation irreducibility
 - Cost to compute reality is the same as reality
 - No shortcuts
 - Any shortcuts mean a virtual earth is less than reality
 - Bitmapped textures, other simplifications
 - I think there is an issue of emulation, too
 - Any universal Turing machine can emulate any other
 - This does not mean all architectures can do so efficiently

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16:35

- Running a simulation on most efficient smart matter may represent loss
- Hard to imagine an emulation running faster than "native code"
- I am more attracted to upload, simulation in the small
 - Appending to an ordinary human life span
 - Artificial simulations just for continuity
 - Not an attempt to replace reality
- Johnny Long, no-tech hacker
 - <http://feeds.feedburner.com/~r/TheGlobeAndMail-Technology/~3/245703671/>
 - Saw Johnny Long at Shmoocon last year
 - He was evangelizing, even then, no tech hacking
 - Article highlights his work as a pen tester for CSC
 - What he does is more than social engineering
 - An attacker will not limit themselves to networks
 - They will find anyway in
 - As cold boot attacks reminded us, physical access trumps all
 - A reminder that security isn't about the latest attack
 - These issues of trust, physical security are persistent
 - Lost or stolen hardware accounted for half of losses last year
 - Article covers Long's history
 - Started as a criminal hacker
 - Captures some of the draw of hacking, legitimate and otherwise
 - Was lucky to transition into legitimate work
 - After some frustration, found work at CSC doing security testing
 - Has a book out detailing the latest in social engineering attacks

19:26

- Kelly on how creators can deal with The Long Tail
 - http://feeds.feedburner.com/~r/thetechnium/~3/245752960/1000_true_fans.php
 - Highlights challenge of creator
 - Long tail serves aggregators
 - Also a benefit to consumers
 - What does a creator do who cannot afford to create a blockbuster?
 - Like Better than Free, focuses on positive solutions
 - Suggest creator needs to find a set number of fans willing to consistently pay for works
 - Admits this is not a new idea
 - Wants to formalize its name, get people thinking about it
 - He picks 1000 "True Fans" willing to spend \$100 a year
 - Yields a six figure income, gross
 - Numbers are less important than the idea of connection

- Have to maintain direct contact with true fans
 - This is where the internet pays off
 - All kinds of conversational media, not even just social media
 - Highlights how drop cost of fab, distribution favor small audiences
 - Creators need to have a mentality of rewarding best fans
 - Helps reward lesser fans, too, who contribute to creators ability to thrive, too
- Some caveats
 - Number of fans needs to scale with collaborators
 - Linear scale, though, unlike traditional publishing
 - Some creators aren't suited or don't want to cultivate fans
 - Positive reasons, like focus on creativity, as well as negative, don't like fans
 - Need an intermediary willing to do this work
 - The more direct the payment, the easier the model is
- Antecedents, examples
 - Micro-celebrity, famous to 1,500 people
 - Micro-patronage or street performer protocol
 - Lawrence Watt-Evans published a chapter for \$100 from online fans
 - Working on second book using this model
- New mediators capitalizing on this
 - Micro-financing
 - Fundable manages building capital for small projects
 - Includes managing risk for contributors, refunds if goal not reached
 - Amelia, Jill Sobule, both singers, examples of this model working
- Traditionally, alternatives for artists have been poverty or stardom
- Kelly is suggesting a viable alternative
- Jonathan Coulton is a particular favorite example
 - He even blogged about the Kelly piece shortly after it was posted
 - Not hard to find examples, will keep getting easier
- Technology may yet foil warrantless wire taps
 - <http://techdirt.com/articles/20080227/212053377.shtml>
 - Tim Lee writes about Matt Blaze's critique of Michael McConnell
 - McConnell is leading the charge for warrantless wire taps
 - He was also responsible for clipper chip
 - Blaze was also pivotal in foiling clipper chip
 - Lee thinks technology ultimately foiled clipper, will foil wiretaps
 - Cites lack of horse power for software only encryption
 - Thinks Moore's law leveled playing field

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- Other commercial hardware crypto was available long before clipper
- Problem was one of trust, market, norms
- Clipper tried to directly legislate standard
- Didn't adequately consider risks of key escrow
- Lee thinks encrypted VoIP will foil wiretaps
 - Encrypted comms are noting new
 - How will this change anything?
 - Technology cannot alter this policy
 - Worse, technology may help the government
 - Germany using malware, other tools to bypass Skype encryption
- An administration willing to override FISA, other checks, balances may legalize anything
- Pinning hopes on technical solutions is foolish
- Disagree with his naive optimism
 - This needs to be actively fought
 - Administration wants to downplay impact on liberties
 - That cannot stand, due process of law needs to be restored

31:35

• `tail -f`

31:54

- Results of Norwegian broadcaster's experiment with BitTorrent
 - <http://feeds.feedburner.com/~r/boingboing/iBag/~3/244595734/public-broadcaster-b.html>
 - NRK, norwegian broadcaster, released a wildlife program via BT
 - As high quality video, without DRM
 - The net-net is the experiment was positive
 - Confirmed that success of download hasn't hurt DVD sales
 - Want to clear more rights, to distribute more NRK programming
 - 3rd party rights, like music, is the real challenge to that
 - Positive cost savings, 90K downloads so far

33:04

- Case against Wikileaks is dropped
 - <http://www.eff.org/deeplinks/2008/03/julius-baer-drops-case-against-wikileaks-after-eff-aclu-help-restore-wikileaks-org>
 - Julius Baer filed a motion of voluntary dismissal
 - After the judges reversal of two earlier orders in the case
 - Plaintiff said it might later pursue claims in another court
 - For now, win of free speech rights of Wikileaks
 - Motion to dismiss won't help in future cases

34:17

• **Outro**

- Contact me
 - Email to feedback@thecommandline.net
 - Web site at <http://thecommandline.net/>
 - IM to command.line@skype

Offset

Topic

- Listener comment line is 240-949-2638
- del.icio.us tag is "for:cmdln"
- <http://twitter.com/cmdln>
- I'd like to thank libsyn.com for AAC hosting and Wouter de Bie for MP3 hosting
- These notes and the show audio and music are covered by a Creative Commons license
 - <http://creativecommons.org/licenses/by-nc-sa/3.0/us/>
 - Attribution, non-commercial, share alike