

Offset	Topic
00:17	<ul style="list-style-type: none"> <li>• <b>Intro</b> <ul style="list-style-type: none"> <li>• No feature this past week               <ul style="list-style-type: none"> <li>• In crunch mode at work</li> <li>• DSL outage makes the logistics more time consuming</li> </ul> </li> <li>• DSL update               <ul style="list-style-type: none"> <li>• Activation date was Friday</li> <li>• No joy</li> <li>• Got a live tech Saturday and schedule a field tech to come out</li> <li>• Two punch blocks</li> <li>• Older one doesn't have enough copper and that's probably where the line test is show the circuit up</li> <li>• Newer one probably requires special configuration</li> <li>• Hopefully they can sort it quickly, considering they installed it that way in the first place</li> </ul> </li> <li>• Second anniversary coming up               <ul style="list-style-type: none"> <li>• June 22nd</li> <li>• Maybe do a feature cast on the 20th for it</li> <li>• Start thinking about submissions and send them in</li> <li>• IDs, promos and stories--whatever you like</li> </ul> </li> <li>• BaltiCon               <ul style="list-style-type: none"> <li>• May 25th through 28th</li> <li>• balticon.org</li> </ul> </li> </ul> </li> </ul>
06:55	<ul style="list-style-type: none"> <li>• <b>Security Alerts</b></li> </ul>
07:14	<ul style="list-style-type: none"> <li>• Botnet briefing in the capital       <ul style="list-style-type: none"> <li>• <a href="http://www.freedom-to-tinker.com/?p=1150">http://www.freedom-to-tinker.com/?p=1150</a></li> <li>• Sounds like a reasonable briefing</li> <li>• Doesn't seem like much is needed legislatively beyond more support for research and law enforcement</li> <li>• Did discuss changing the threshold in existing computer crime laws</li> <li>• Felten mentions the Paul Ohm piece I discussed last week</li> <li>• Good to see argument for better empiricism before tweaking legislation</li> </ul> </li> </ul>
09:14	<ul style="list-style-type: none"> <li>• Laying physical malware traps       <ul style="list-style-type: none"> <li>• <a href="http://www.theregister.com/2007/04/25/usb_malware/">http://www.theregister.com/2007/04/25/usb_malware/</a></li> <li>• Conceptually similar to bypassing security by tricking user to load malware</li> <li>• Trojan designed to capture banking data</li> <li>• May mark shift in techniques, technological and otherwise, by same fraudsters</li> </ul> </li> </ul>

Offset	Topic
11:28	<ul style="list-style-type: none"> <li>• Details in the article indicate this is most likely criminally motivated and organized</li> <li>• Mentioned a few malware vendors, in Russia, so may also be related to the malware subscription trend</li> </ul>
11:42	<ul style="list-style-type: none"> <li>• <b>News</b></li> <li>• Google offers panoptic sort as a feature <ul style="list-style-type: none"> <li>• <a href="http://www.latimes.com/technology/la-fi-google21apr21,1,3373421.story?coll=la-headlines-technology&amp;ctrack=2&amp;cset=true">http://www.latimes.com/technology/la-fi-google21apr21,1,3373421.story?coll=la-headlines-technology&amp;ctrack=2&amp;cset=true</a></li> <li>• New offering, Web History</li> <li>• Opt in, thankfully</li> <li>• Similar to the way bookmarks have become an online service</li> <li>• With cheap, ubiquitous bookmark offerings, not sure why this is so attractive</li> <li>• No expiration, though, on Google's service</li> <li>• Dove tails with concerns over Double Click acquisition</li> <li>• Opponents, Epic and others, claiming Google's privacy policy is deceptive</li> <li>• Issue is that they do not clarify how easy it is to correlate search queries to users</li> <li>• In order to stay competitive, Google is going to keep acquiring and collating more data</li> <li>• Since their revenue is from ads, that is unlikely to change</li> </ul> </li> </ul>
18:13	<ul style="list-style-type: none"> <li>• Looking at the current dot-com bubble <ul style="list-style-type: none"> <li>• <a href="http://www.codinghorror.com/blog/archives/000843.html">http://www.codinghorror.com/blog/archives/000843.html</a></li> <li>• A reasonable history of the first bubble</li> <li>• Scant substantiation of his claim of a second bubble, though I don't entirely disagree</li> <li>• Doesn't cite anything hard but agree particularly with his points about the job market</li> <li>• Good points about what is different this time around <ul style="list-style-type: none"> <li>• For text, agree about the ads</li> <li>• Not sure other media are their yet</li> <li>• Much of the new activity are new media offerings</li> <li>• More computing power may be available but have we learned any better to scale?</li> </ul> </li> <li>• What will I do different? <ul style="list-style-type: none"> <li>• Ignore the hype</li> <li>• Some of the apps and offerings are fun, like Twitter</li> <li>• I have learned if anything sounds too good to be true, it is</li> <li>• Grand visions are no substitute for proven business practices</li> <li>• Outside of ads, how are essentially free offerings going to make enough money to survive?</li> </ul> </li> </ul> </li> </ul>

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23:28	<ul style="list-style-type: none"> <li>• Especially true of new media, the resistance of monetization of podcasting and video</li> <li>• MPAA offers lip service to fair use <ul style="list-style-type: none"> <li>• <a href="http://feeds.arstechnica.com/~r/arstechnica/BAaf/~3/112062966/20070426-mpaa-drm-must-be-interoperable-dvds-should-be-rippable.html">http://feeds.arstechnica.com/~r/arstechnica/BAaf/~3/112062966/20070426-mpaa-drm-must-be-interoperable-dvds-should-be-rippable.html</a></li> <li>• Not likely to abandon DRM any time soon</li> <li>• Instead, are pursuing interoperable DRM</li> <li>• Open DRM is a joke, even easier to crack than today</li> <li>• See Cory's paper on why DRM will never technically work</li> <li>• <a href="http://www.craphound.com/msftdrm.txt">http://www.craphound.com/msftdrm.txt</a></li> <li>• Specifically the section on crypto</li> <li>• According to the article, fair use ripping would still have to bear DRM</li> <li>• Seem to think the problem will just sort itself</li> <li>• DRM cannot anticipate new formats, devices</li> <li>• So they are now conceding to proven innovation</li> <li>• Still trying to keep the door closed to future innovation</li> </ul> </li> </ul>
27:27	<ul style="list-style-type: none"> <li>• New chip architecture <ul style="list-style-type: none"> <li>• <a href="http://www.scienceblog.com/cms/next-generation-high-performance-processor-unveiled-13080.html">http://www.scienceblog.com/cms/next-generation-high-performance-processor-unveiled-13080.html</a></li> <li>• U of TX, Austin</li> <li>• According to the article, potential to reach trillions of calculations per second</li> <li>• TRIPS (Tera-op, Reliable, Intelligently adaptive Processing System), is a first prototype</li> <li>• Seven years of development to date</li> <li>• See it as the first step on a roadmap, hints at some longevity to the technology, which is key</li> <li>• New class of processor, Explicit Data Graph Execution (EDGE)</li> <li>• Apparently processes chunks of data/instructions, rather than singly</li> <li>• Sounds like SIMD or MIMD on steroids</li> <li>• Prototype executes 16 ops per cycle, as opposed to four</li> <li>• Has two cores</li> <li>• Apparently looking to scale in op width and number of cores</li> <li>• Sounds like it may make paralellism even harder for programmers</li> <li>• No mention of new tools, software to help bridge from even existing multi-core systems</li> </ul> </li> </ul>
31:28	<ul style="list-style-type: none"> <li>• <code>tail -f</code></li> </ul>
31:47	<ul style="list-style-type: none"> <li>• Legislation to overturn CRB's latest rates? <ul style="list-style-type: none"> <li>• <a href="http://techdirt.com/articles/20070426/161749.shtml">http://techdirt.com/articles/20070426/161749.shtml</a></li> <li>• "Internet Radio Equality Act," introduced by Reps. Jay Inslee (D-Wash.) and Don Manzullo (R-Ill.)</li> <li>• Would repeal the CRB ruling</li> </ul> </li> </ul>

## Offset

## Topic

33:37

- Offering a compromise rate, instead
- According to quotes from the sponsors, definitely about preserving space for innovation
- Would allow discretion between two alternate fee models to the caster
- Would also apply to satellite and cable radio operators
- Taps public radio to help determine future rates
- IPRED2 passes
  - [http://go.theregister.com/feed/http://www.theregister.com/2007/04/26/ipred2\\_passed/](http://go.theregister.com/feed/http://www.theregister.com/2007/04/26/ipred2_passed/)
  - Intellectual Property Rights Enforcement Directive (IPRED2)
  - Passed almost unchanged
  - Threats to criminalize much more activity, even the marginal
  - According to Italian MEP, Umberto Guidoni, an opponent does exclude private, not for profit file sharing
  - Would have been acceptable, according to Danny O'Brien from EFF, if restricted to copyright piracy and trademark counterfeiting
  - Questions how this is effective at harmonizing when it seems to do the opposite
  - Bill as passed is overly vague and broad
  - This sort of criminal legislation is new for the EC, however, so may serve as a broader test of how well that works
  - Still up to the members to implement locally

36:42

## • 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 360-252-7284
  - del.icio.us tag is "for:cmdln"
- I'd like to thank [libsyn.com](http://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
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  - Attribution, non-commercial, share alike