

Offset	Topic
00:17	<ul style="list-style-type: none"> <li>• <b>Intro</b> <ul style="list-style-type: none"> <li>• Game review, Arkham Horror                             <ul style="list-style-type: none"> <li>• <a href="http://www.fantasyflightgames.com/arkhamhorror.html">http://www.fantasyflightgames.com/arkhamhorror.html</a></li> <li>• Board and card game</li> <li>• Based on the writings of H.P. Lovecraft</li> <li>• <a href="http://en.wikipedia.org/wiki/Lovecraft">http://en.wikipedia.org/wiki/Lovecraft</a></li> <li>• We've played a few times, enough to be hooked</li> <li>• Until recently, core game was out of print</li> <li>• Managed to land our own and two out of three expansions</li> <li>• Third expansion out of print until next month</li> <li>• A lot of mechanics to absorb up front, best to play with at least on experience player</li> <li>• Best with three or more players, highly cooperative</li> <li>• Once you get basic mechanics, game has a nice rhythm</li> <li>• Game does a good job of building tension, accelerating pace</li> <li>• Trick we picked up is to layout multiple decks on board itself</li> <li>• Not as family friendly</li> <li>• Not overtly adult, but probably best for ten and up as box suggests</li> <li>• Also, complexity of mechanics may be too much for any younger</li> </ul> </li> </ul> </li> </ul>
06:14	<ul style="list-style-type: none"> <li>• <b>Security Alerts</b></li> </ul>
06:33	<ul style="list-style-type: none"> <li>• Federal commission on cyber-security             <ul style="list-style-type: none"> <li>• <a href="http://www.freedom-to-tinker.com/?p=1225">http://www.freedom-to-tinker.com/?p=1225</a></li> <li>• Felten participating in commission, will produce report for next president on topic</li> <li>• First concern is government systems being connected with, secured by standards of private parties</li> <li>• Even in ideal world, the needs are different, a single solution would be unsuitable</li> <li>• Goes on to point out market failures of security products, extends risk into higher sensitivity government systems</li> <li>• Thinks we need to fix security in the market</li> <li>• Three means of doing so                     <ul style="list-style-type: none"> <li>• Exhorting better security</li> <li>• Using purchasing power to influence security development</li> <li>• Invest in human capital, improve security research, practice through training</li> </ul> </li> <li>• Encourages that Felten is on this commission</li> <li>• New ideas, to me at least, as opposed to licensing and liability suggestions by others</li> </ul> </li> </ul>

Offset	Topic
10:14	<ul style="list-style-type: none"> <li>• Liability can have a chilling effect, need positive solutions, as well as potentially negative ones</li> <li>• Botmaster owns up to 250K zombies <ul style="list-style-type: none"> <li>• <a href="http://go.theregister.com/feed/www.theregister.co.uk/2007/11/09/botmaster_to_plea_guilty/">http://go.theregister.com/feed/www.theregister.co.uk/2007/11/09/botmaster_to_plea_guilty/</a></li> <li>• Young security consultant, 26, John Schiefer</li> <li>• Used zombies to eavesdrop on banking transactions</li> <li>• Installed at least 250K zombies</li> <li>• Stole banking identities and committed fraud</li> <li>• Charged with four felony counts</li> <li>• Maximum sentence is 60 years, \$1.75mm in fines</li> <li>• First time a botnet related crime is being tried under US wiretap statutes</li> <li>• Sounds like a small band of criminals</li> <li>• Schiefer had a day job, not a professional criminal</li> <li>• Did sell some of the appropriate data to others</li> <li>• Didn't say anything about recovering the zombie systems</li> <li>• Worried these will just get picked up by someone else</li> <li>• Really makes clear the leverage a small group of attackers can apply, though in this case there was some non-typical expertise</li> </ul> </li> </ul>
13:20	<ul style="list-style-type: none"> <li>• News</li> </ul>
13:34	<ul style="list-style-type: none"> <li>• Microsoft launches Google Gears competitor <ul style="list-style-type: none"> <li>• <a href="http://feeds.downloadsquad.com/~r/weblogsinc/downloadsquad/~3/179806625/">http://feeds.downloadsquad.com/~r/weblogsinc/downloadsquad/~3/179806625/</a></li> <li>• Microsoft Sync Framework</li> <li>• First SilverLight, then this</li> <li>• Hugely un-sexy name</li> <li>• Not just a lightweight database and API, like gears</li> <li>• Also sounds like a .Mac competitor, more broad than just browser applications</li> <li>• This is the first test build, an early access developer version</li> <li>• Really does sound like just a framework, with minimal actual implementation</li> <li>• Appears to be part of Sync Services for ADO.net, Microsoft's key data access technology</li> <li>• No doubt this is just usable enough by .NET developers but otherwise lacking in polish</li> <li>• Demonstrates how Microsoft message for developers, consumers, is often diffuse, not very cohesive</li> <li>• Understandable they do not wish to define it solely as a response to gears, but how is this language about syncing supposed to make sense to the average user?</li> <li>• Microsoft used to have some database synch technology in mid to late nineties</li> <li>• Wonder if it is the same stuff re-tooled and re-packaged</li> </ul> </li> </ul>

## Offset

## Topic

19:06

- Looks like it will be Windows only, not surprisingly, as opposed to Gears which is more portable
- Concerned at how this may legitimize the browser as a platform of choice
- Especially muddying connected, disconnected operation, may make security decisions harder
- Local storage and additional capabilities introduce more opportunities for vulnerabilities, exploits
- Emphasis on any protocol seems at odds with thinking about secure communications
- Actually doing something about the lack of Java 6.0 on Leopard
  - [http://www.oreillynet.com/onjava/blog/2007/11/initial\\_attempts\\_at\\_porting\\_fr.html?CMP=OTC-FP2116136014&ATT=Initial+Attempts+at+Porting+FreeBSD+s+1+6+JDK+to+Mac+OS+X](http://www.oreillynet.com/onjava/blog/2007/11/initial_attempts_at_porting_fr.html?CMP=OTC-FP2116136014&ATT=Initial+Attempts+at+Porting+FreeBSD+s+1+6+JDK+to+Mac+OS+X)
  - Leopard does not include the latest stable version of Java, 6.0, or the 1.6 JDK
  - Java developers who already switched to OS X are particularly incensed
  - I talked with Apple engineers at WWDC '05 about Java support
  - Has always lacked server optimized version
  - Apple folks just didn't see enough outside interest to spur full and active Java support
  - Wrote about the end of life of the Cocoa-Java bridge over two years ago
  - <http://thecommandline.net/2005/07/14/cocoa-java-end-of-life/>
  - Reportage at this year's WWDC around Leopard shows Apple consolidating on Cocoa, even at expense of legacy toolkit, Carbon
  - Want to say Sun would have supported, but Apple made such a fuss about Aqua integration and had an early commitment
  - Landon Fuller has committed other fixes where he thinks Apple has failed
  - Tried to address Imh's month of Apple bugs last year
  - Has achieved partial success, detailed at the link, based on FreeBSD patches to Sun JDK sources
  - Extensive notes, seems like addressing remaining issues may be well doable
  - May have to settle for X11 for graphics instead of Aqua
  - For web services, other server development, very acceptable
  - Question is, how many Java programmers who are complaining are system developers?
  - If the majority are application developers, may be hard to find qualified contributors to take this further
  - This may also be much more doable under the auspices of OpenJDK
  - Know quite a few folks who develop on OS X because it is a nicer desktop and deploy to Linux or a commercial Unix

## Offset

25:06

## Topic

- Lego-like building blocks, running Linux
  - <http://rss.slashdot.org/~r/slashdot/eqWf/~3/180229393/article.pl>
  - Set of connectable modules
  - Open source and open standards
  - Linux, Java, OSGi
  - Seems to be about inter-connecting modules to build ad hoc appliances
  - Bug Labs is looking to provide base unit and a few add on modules
  - Soliciting others to contribute additional modules
  - Fact that there is a base unit would seem to root it as an appliance of sorts
  - Others describing as Lego-like, suggests more open ended purpose
  - Doesn't sound that flexible to me
  - The opportunity here seems more about standardizing embedded, appliance development
  - Hard to predict if this will work
  - Most of the interconnects consumers care about for appliances are audio, video and/or network
  - Will consumers mix-and-match?
  - Or will that be an OEM function but open to power users?
  - How far does the standard PC architecture comparison carry?
  - Board layouts in appliances vary considerably, even if they use Linux, the nature of the firmware can be quite different
  - Does standardization make sense? Maybe just for a lower level, device to device interconnect

29:15

- Hushmail decrypts at Canadian court's order
  - <http://feeds.wired.com/~r/wired/topheadlines/~3/181421176/encrypted-e-mai.html>
  - Service claims are perhaps a bit foolish, that not even their own employees can access your email
  - Hushmail turned over 12 CDs worth of email in response to Canadian court order
  - Part of an illegal steroid distribution investigation
  - This instance limited to simpler, web only offering
  - Their original offering pushed encryption to client, so provider had no knowledge of keys
  - This offering still web based but used Java applet to drive encryption locally
  - Idea is they could not reveal emails even if they wanted to
  - Newer web offering, option without applet, has a small window where provider can decrypt messages, court order forced them to exploit this
  - CTO admits that compliance would probably come for traditional email service, too
  - This could be done by modifying the Java applet sent to the client

Offset	Topic
	<ul style="list-style-type: none"> <li>• With applet, code is always loaded from server</li> <li>• Even though client computer does calculation, instructions always come from server</li> <li>• Further, CTO said it would not protect criminals</li> <li>• Won't roll for any request, but will do so for one through proper channels</li> <li>• Not surprised, they are a business, accountable and liable at the end of the day</li> <li>• If they cannot be held accountable in one instance, raises uncomfortable questions about in other circumstances</li> <li>• Would not be entirely fair to vilify them for this</li> <li>• Must understand limits of trusting a third party for your own security</li> <li>• Even your own, self deployed and run encryption is never going to be perfect, can only ever increase cost of getting your data</li> </ul>
33:55	<ul style="list-style-type: none"> <li>• <b>tail -f</b></li> </ul>
34:14	<ul style="list-style-type: none"> <li>• Response to Heise's critic of Leopard's firewall <ul style="list-style-type: none"> <li>• <a href="http://codm.genhex.org/2007/11/macosex-leopards-firewall-is-no.html">http://codm.genhex.org/2007/11/macosex-leopards-firewall-is-no.html</a></li> <li>• More details</li> <li>• The code signing of included versions of net utils, like nc, may have skewed Heise's findings</li> <li>• Points out that interpreted languages are signed, trusted once</li> <li>• This may allow multiple applications to leverage a single decision</li> <li>• Still boils down to a change in the firewall's UI that makes it a bit harder to control</li> </ul> </li> </ul>
36:09	<ul style="list-style-type: none"> <li>• Problems assessing actual outcome of RadioHead experiment <ul style="list-style-type: none"> <li>• <a href="http://feeds.arstechnica.com/~r/arstechnica/BAaf/~3/183186801/20071111-radiohead-controversy-shows-limits-of-knowledge-in-an-information-age.html">http://feeds.arstechnica.com/~r/arstechnica/BAaf/~3/183186801/20071111-radiohead-controversy-shows-limits-of-knowledge-in-an-information-age.html</a></li> <li>• 3rd party, comScore claimed to have numbers of album</li> <li>• Band objected, questioning how they could know</li> <li>• comScore revealed less than impressive sample size, methods</li> <li>• Curious that band did not apparently offer its own numbers</li> <li>• Speculation is that band's objections say numbers are better than comScore reported</li> <li>• Answer remains, will band do it again</li> <li>• Fact that interest remains in the question says it was closer to success than not</li> <li>• This despite criticism of just using free to market physical good</li> <li>• Regardless, got attention, some of it seems sticky</li> </ul> </li> </ul>
38:34	<ul style="list-style-type: none"> <li>• <b>Outro</b></li> </ul>
	<ul style="list-style-type: none"> <li>• Contact me <ul style="list-style-type: none"> <li>• Email to <a href="mailto:feedback@thecommandline.net">feedback@thecommandline.net</a></li> <li>• Web site at <a href="http://thecommandline.net/">http://thecommandline.net/</a></li> <li>• IM to <a href="mailto:command.line@skype">command.line@skype</a></li> </ul> </li> </ul>

## Offset

## Topic

- Listener comment line is 360-252-7284
- 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
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  - Attribution, non-commercial, share alike