Something Old,
Something New,
Something Borrowed

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Sportsball PSA!

- London Hackspace is going to Wembley!!
Something Old
Stepping back to pkgsrc 2014
Cheap

“Interesting” hardware
State of NetBSD/macppc
head-llvm builds
awacs(4) sound driver enabled by default now
Audio new plays back in correct pitch

• port-macppc/52949
Bluetooth support enabled by default
IPsec support enabled by default
Veriexec support enabled by default
Uses “per-priority cyclical scan” buffer queue strategy
G5 Support
sys/arch/macppc/conf/
MAMBO
• https://github.com/open-power-sdk/power-simulator

• Where are the PowerPC 970 docs?
macofcons(4) removed
raeconfb(4)
improvements
DVI support for G4 Mac Mini
XCOFF boot loader improvements
To bring it back to pkgsrc
Can be slow to build things due to hardware limitations
Extremely secure platform

- Lack a browser with complete javascript support
- www/netsurf works great
Ignoring web browsing

- Plethora of packages in other areas e.g. graphics/gimp, audio/pd, cross/avrgcc ...
Reveals bugs

- lua(4) crash - kern/52864
- graphics/gimp build - port-macppc/53360
- lang/racket - ??
Wish list

- Faster builds
- Racket and chezscheme
Thanks

- macallan@ for everything macppc and *fb
- uwe@ for ofwboot.xcf updates
- nat@ for audio subsystem work
Something New
Upspin

http://upspin.io
File sharing in public

- Traditional means painful - fragile or security prone
New workflow
Available at wip/go-upspnin
upspinserver

- All encompassing daemon
- Run in insecure mode to proxy from a web server
Exposing namespace

- upspinfs to FUSE
Something borrowed
• NetBSD-src from 2014?
• pkgsrc-2014Q?
Worldview according to gnu-config

- Minix is i386
1st step

• Bring things in line with netbsd-8
• Evaluate the state of pkgsrc support