

Something Old, Something New, Something Borrowed

Sevan Janiyan - sevan@pkgsrc.org
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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

radeonfb(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](http://www.netsurf.org) 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-upspin

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