FreeBSD USB devsummit status

by

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Status of the Year

- No serious issues (refer to external reports)
- Improved USB driver support (device and controller)
- More systems using FreeBSD USB stack outside the FreeBSD kernel, for example DragonFlyBSD
Ideas for improved USB support

- Import more Linux USB serial port and USB ethernet device drivers into userspace «webcamd» daemon
- Move NDIS USB wrapper to userspace (USB WLAN + USB ETH)
- Emulate the Linux USB FS at character device level via a Cuse4BSD based daemon in userspace
Discussion

- Fix WLAN/ETH detach issues and races once and for all (adrian @)
- DWC OTG issues (needs DMA support and more testing for all device speeds and not just the ethernet and memory stick case)