

FreeBSD 13

- Notepad URL on wiki

FreeBSD 12.0

- lld linker on x86, arm
- bectl(8)
- clang / llvm 6.0.1
- WPA utilities 2.6
- mac_ntpd
- OpenSSL 1.1.1 (*)
- getrandom / getentropy
- VIMAGE in GENERIC
- Netdumps
- Encrypted crash dumps
- NUMA on amd64
- RATELIMIT
- Removed many drivers
- NVMe for bhyve
- UFS CG check hashes
- UFS TRIM consolidation

FreeBSD 12.0

- pNFS server support
- Lua boot loader (*)
- Boot time Intel CPU ucode (*)
- Removed Token Ring
- arm64 EFI vt(4) (*)
- arch(7)
- Shared clang/lld in universe (*)

FreeBSD Head

- Verified loader booting bits from Juniper (*)
- ASLR (*)
- NVDIMM (*)
- ZFS crypto (AES-CCM) (*)
- LOCAL_MODULES (*)

All that to say...

- There are things that get done
- For today, let's focus on what can be done in the next two years
- This room is free this afternoon for impromptu follow-up discussions after lunch
- Start with “goals” move on to have / want / need

FreeBSD 13.0

- GPL-free Tier-1 base system
- Kill crufty toolchains
 - GPLv3 for lower tiers
- Remove more drivers
- Kill crufty crypto
- Kernel TLS offload