

# BSD Licensed Toolchain Mini-summit

FOSDEM 2011

Welcome

FOSDEM



# Outline

- FreeBSD Toolchain Status
- NetBSD Toolchain Status
- Minix Toolchain Status
- Discussion

# State of the FreeBSD Toolchain

Brooks Davis <[brooks@FreeBSD.org](mailto:brooks@FreeBSD.org)>

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# A Brief Timeline

- GPLv3 (July 2007)
- Clang announced (July 2007)
- Clang self hosted (February 2010)
- BSDToolchain summit (May 2010)
- LLVM/Clang import (June 2010)
- World (i386 & amd64) bootstraps with Clang (September 2010)



# What we still need

- clang cross target support
- libc++
- libgcc\_s.so (C++ exception handling)
- as (or is clang's integrated assembler sufficient?)
- Linker
- Debugger
- More architectures (MIPS)

NetBSD



Minix

Q & A