

# BSD Toolchain Summit

BSDCan 2010  
Ottawa, CA

**Welcome**

Not revisiting *today*:  
no GPLv3 in src

# BSD Licensed Toolchain

# Why?

License

Cool technology

Need new functionality

Real competition in OSS tools

# FreeBSD Context

# Increasingly Obsolete Toolchain

# GPLv3

Halted GCC updates

Capped Binutils & GDB versions



# Lack of active maintainer for Binutils and GDB

**Why not give in  
and upgrade?**

# GPL opposition in community

Corporate and individual users

Historical (GPLv2)

New GPLv3 issues

# Timely Developments

LLVM and Clang maturing rapidly

BSD ELF toolchain in progress

Debugger(s) in progress

**How do we do this?**

# Agenda

- Introductions
- WIPs
- LLVM Idea Brainstorming
- Roadmap

# Introductions

- Who are you?
- What who are you representing?
- What is your involvement with toolchains?

# WIPs

- ClangBSD
- External toolchain support
- BSD ELF tools
- ngbd?
- *Your project?*