

LLVM Developer Meeting 2012



November 8, 2012 • San Jose, CA

<http://llvm.org>



This year in LLVM

LLVM 3.1 and 3.2 (soon!) Releases

Some major changes:

New Hexagon & MIPS64 CPU, NVPTX GPU target

Major C++'11 enhancements in Clang

Countless other improvements and new features

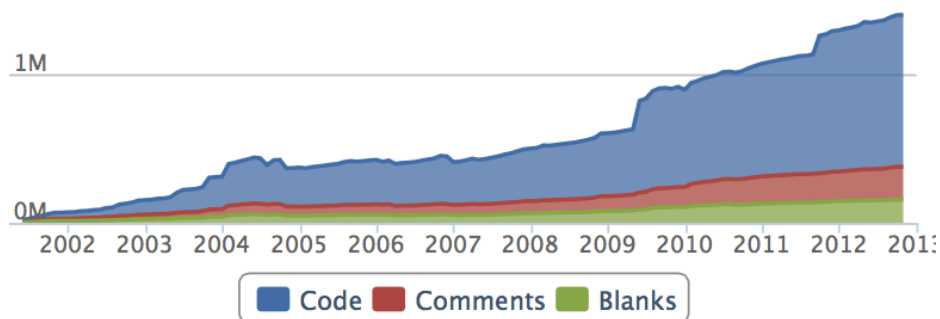


Thriving Community

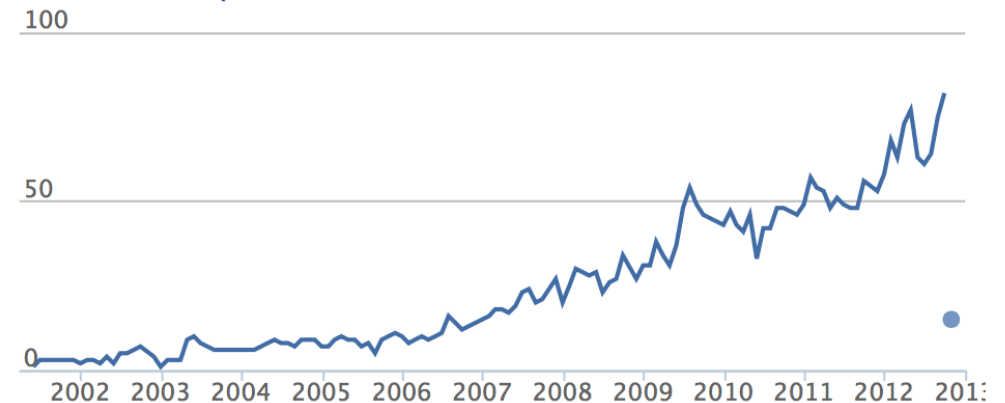
LLVM this year: 9805 commits!

1.4M LOC, only **+131K** LOC this year

167 distinct committers, 78 new this year



Contributors per Month



Charts from ohloh.net!



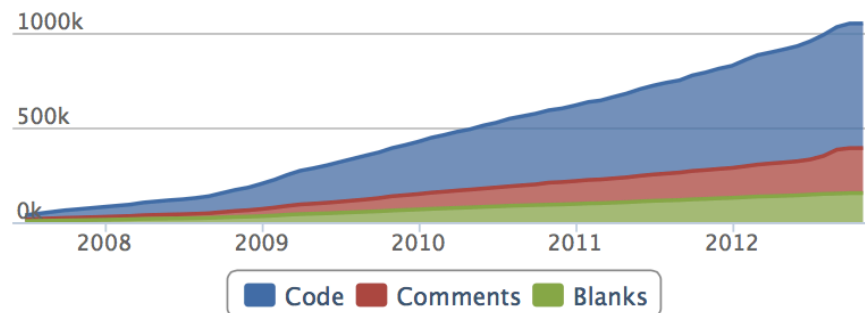
Wait, Clang too!

Clang this year: 7715 commits!

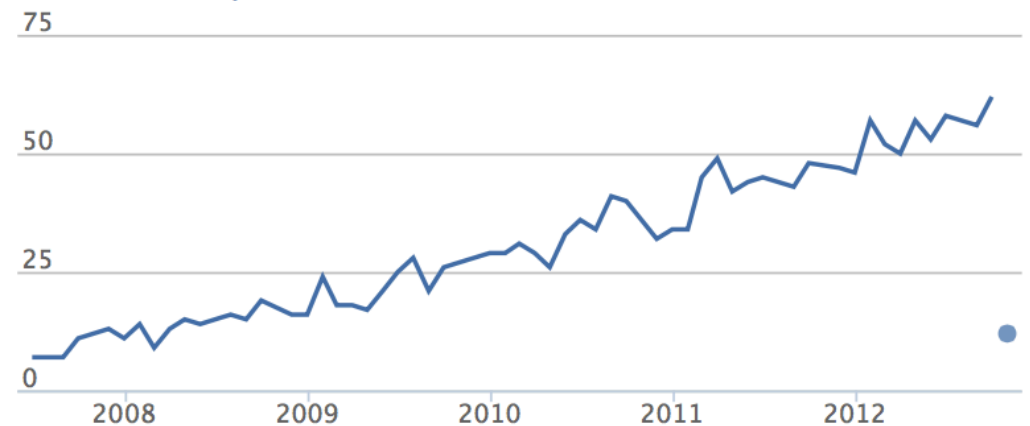
1.0M LOC, +260K LOC this year!

132 distinct committers, 72 new this year

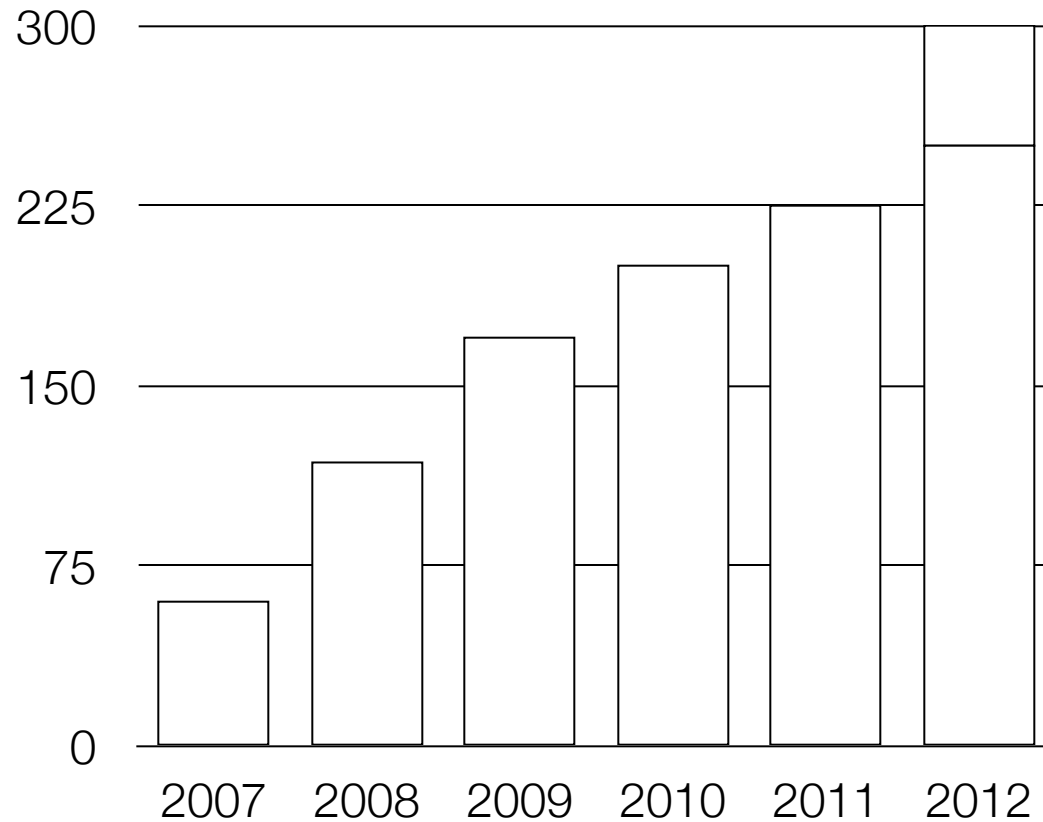
Lines of Code



Contributors per Month



Dev Meeting Attendees



We keep selling out!



Some growing pains

Getting certain kinds of patches reviewed

Buildbot and performance testing infrastructure

Release management & qualification

Distro adoption of new LLVM releases



You can help!

Participate in the developer meeting!

Become a code owner!

Analyze performance problems!

We need non-guru's too!

Bug screening, testing infrastructure, docs, ...

Developer Meeting 2012



Hacker's Lab

13 talks, plus Lightning Talks

7 BOFs, 3 Posters

1 UnBOF!

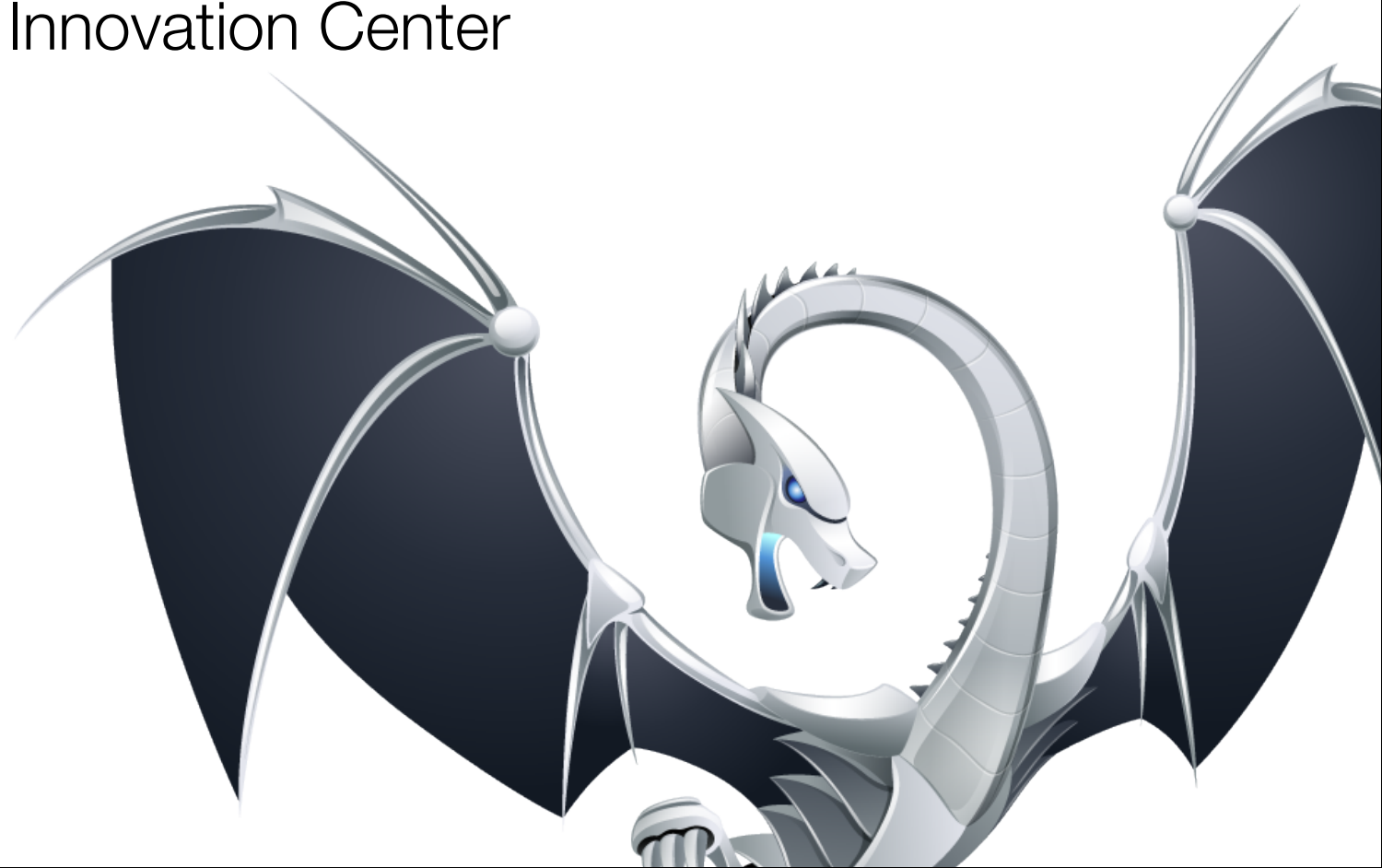
Thank You Sponsors!

Apple

Qualcomm Innovation Center

Google

Intel



Raffle!

Prizes!

Two random attendees

Best speaker

Raffle in Regency 2 at 6pm

Have a great day!