Project Description

- Pre-built cross-toolchains
  - apt-get install g++-4.3-arm-linux-gnueabi
  - i386/amd64/powerpc to arm/armel/powerpc/mips/ia64/mipsel
- Tools: dpkg-cross, apt-cross, xcontrol
- Emdebian-tools (emdebuild –build-deps. multistrap)
- emsource, emchain, empdebuild, emsandbox

Future PLans

- Multiarch. Allows installation for more than one arch.
  - First just libraries. Headers next. Binaries one day?
  - Paths don't change when cross-building.
  - Changes in dpkg, apt, dpkg-cross, apt-cross, library packaging
- Building toolchains in Debian proper
- uclibc architectures
- cmake cross-build support in dpkg-cross
- Cross-installing

Collaboration ideas

- Fix crossbuild bugs in packages
- Separate out native-build-time tools
- Make cross-compilers boring and easy
- Make use of multiarch
- Cross-support in pbuilder
- Use emulation?