

Toolchain Infrastructure

Rob Savoye, Oct 28, 2013



What Are The Goals?

- Automation of builds and snapshot releases
- Continuous builds & testing
- Better regression and performance analysis
- Automated Benchmarking

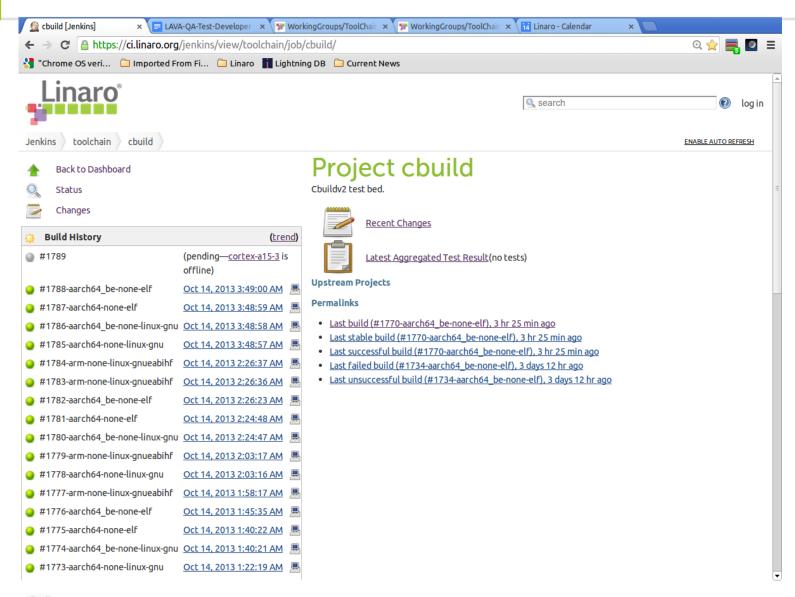


Software In Use

- Jenkins Popular automation software, already used by the LAVA team.
- DejaGnu Testing framework used by the GNU toolchain
- Linaro Cbuild Version 1
- Linaro Cbuild Version 2

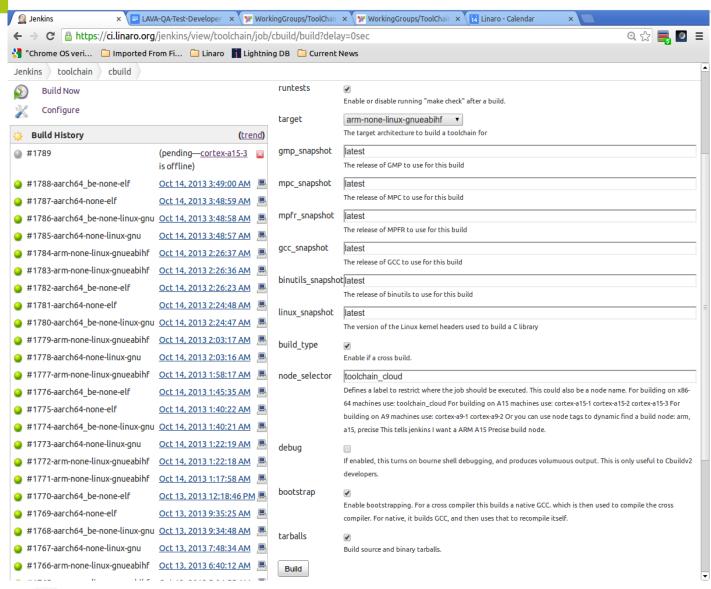


Jenkins Builds



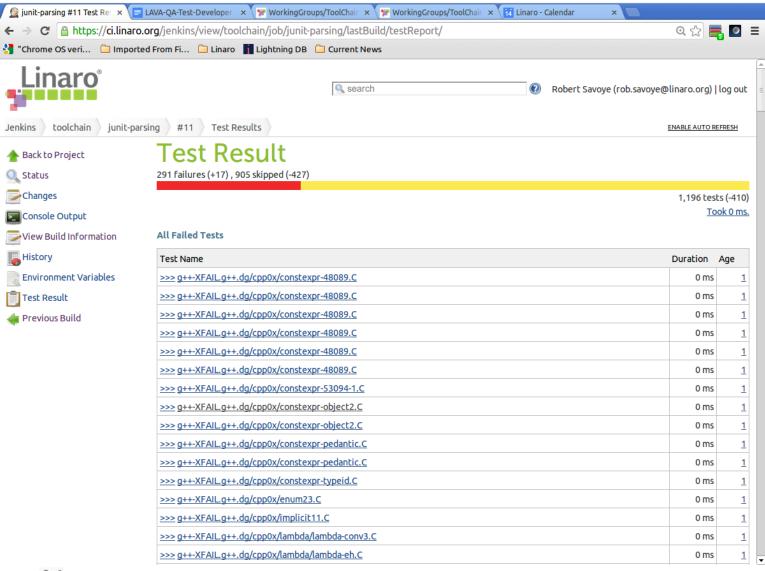


Jenkins Build Now Page



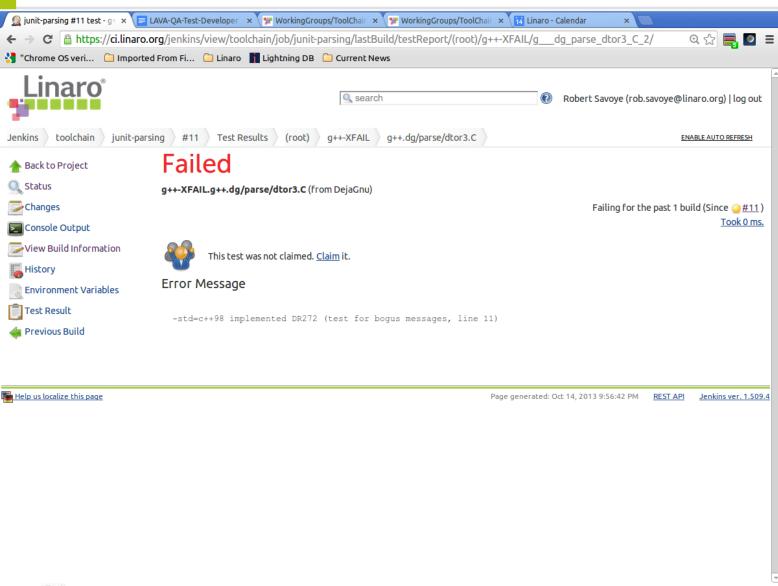


Jenkins Test Results Page





Jenkins Test Result Page





What's Next?

- More automation via Jenkins
- Web based test result analysis
- Benchmarking support added to Cbuildv2
- Depreciating Cbuildv1
- Integrate glibc so it can replace eglibc



Future Graphing

