

CDT 6.0 Galileo Overview

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New Features

- N&N: <http://wiki.eclipse.org/CDT/User/NewIn60>
- The Debug Services Framework has completed move to CDT and is a new component of CDT
- New heuristics to help indexer find header files in projects
- Added index support for implicit references and overloaded operators
- Improved Convert to C/C++ Project to factor in project types (e.g. Makefile)
- New Launch Group launch config for launching multiple sessions at once
- New features for embedded development
 - Remote Launch based on RSE
 - GCC Cross compiler build support
- p2 support for installing tar files for C/C++ SDKs

Communities

- Numerous design discussions carried out in Bugzilla and on the cdt-dev mailing list
- A small number of committers continue to contribute to the newsgroup to help the user community
- CDT monthly calls continue
- CDT Summit in September 2008 held to plan for CDT 6.0.
- Blogs from Doug, Ken, Chris and others
- Participation in Demo Camps in Ottawa, Toronto, Austin and others
- EclipseCon and Eclipse Summit Europe activity continued but lower levels than previous years

Contribution Status

- CDT Community continues to be active and growing
- Number of committer hours is declining, though
 - Not clear how many new major features can be produced by existing team
 - Not clear if anything big is needed anyway
 - Still missing investment in documentation and QA
- But usability of existing CDT features is strong and the CDT remains a popular C/C++ IDE choice, especially for embedded and Linux
 - Minor work needed to improve build workflows, but workarounds available
- CDT Summit for this year is in jeopardy due to travel restrictions
 - Will need to have planning sessions on-line instead

Bugzilla

- Number of bugs currently open
 - 1247
- Number of new bugs since 5.0.0
 - 1601
- Number of bugs closed since 5.0.0
 - 1561
- CDT contributors' current focus on quality is keeping our head above water
 - Backlog remains fairly stable