



Ganymede Plans

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XL Compiler Support

- Add ScannerInfo support so standard make projects work better with the indexer
- Add support for built-in macros
 - Macros can change based on platform and option values so this is not possible to do via current extension points alone



Remote Development

- Deliver remote indexing framework
 - Home TBD
- Remote services reference implementation for index-based features
 - Utilizing OpenRSE
- EFS Support
 - Leverage OpenRSE's EFS implementation for testing
- Remote Standard Make
 - Leverage OpenRSE
 - Hook up error parsers, scanner discovery
 - Home TBD



Scalability

- At the PTP Workshop in May, 2007 at Oak Ridge National Laboratory, scalability of Eclipse-based tools was raised as a major issue.
- Scientific users often have very large projects, or very large programs housed in single files
 - Million line Fortran programs in single files are not uncommon
- Features planned:
 - “Scalability Mode”
 - Detect large files/projects and fall back into scalability mode, which turns off a lot of things
 - Ability to turn off outline generation
 - Ability to turn off syntax highlighting
 - Ability to turn off CModel and associated delta calculation (reconciler)
 - Ability to restrict content assist scope?
 - Ability to restrict scopes for index clients? (e.g. Search scope)
 - Optimizations to parsing and indexing



Parsers

- GNU C parser
- ISO C++ parser
 - Extensions to LPG parser generator to support trial/undo actions and manual backtracking
 - GNU C++ parser
 - Reusable C preprocessor



Class Browser View

- Based on Index View
- Sort Alphabetically
- Sort by Type
- Group by Type
- Open Type Hierarchy via view's context menu
- Any other requirements/features?



C/C++ refactoring?

- Seeking approval from legal to review/commit refactoring patch from German university project
- Currently not committing to any refactoring work in Ganymede beyond committing the patch, but we are interested in the future in contributing to the refactoring engine and contributing new refactorings
 - Particularly in the areas of conditional compilation