



POOL News & Plans

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LCG Application Area Meeting, September 11th 2002

New POOL Project Pages

- n Take a look at <http://lcgapp.cern.ch/project/persist>
- n Maria Girone agreed to act as POOL web master
 - and produced the most of the top level pages
 - please let her and myself know how this could be improved
- n All WP coordinators have write access to their sub-area
 - and are expected to add links to
 - n their component design documents
 - n additional documentation, diagrams, examples etc.
 - n their WP internal planning

Coding Conventions

- n Discussed within Pool a draft proposal from SPI
 - appreciated the effort made in selecting a not too large set of essential rules (Thanks to Max!)
 - quite a bit of discussion – but no major objections 😊
 - n most of the rules can be broken and in special cases even should be broken
 - n often coding convention discussions seem to quickly focus only on these special cases ☹
- n Maybe the coding conventions (and their discussion) could stay general and short and just propose procedure to follow for breaking individual rules:
 - n eg. get agreement on the WP/Project level and insert a clear comment describing which rule is violated and why this was felt to be unavoidable.

Code Checking / Code Reviews

n Proposal:

- start with a small enough set of rules which really are obeyed by the majority of code
- get a code checking tool in place for the “simple to check” rules
- schedule code reviews eg immediately before or after each internal/external release
 - n 2 days - roughly once a month
 - n propose to swap code between WPs to use this also for obtaining more coherence between the developers
- Should involve also SPI people to make sure that rule list is kept up to date

CVS Structure and CVS Write Acces

- n Discussions between SPI and POOL developers about CVS structure
 - Still a few controversial points - even inside Pool
 - n feedback to SPI (Ioannis) has been given
 - My Opinion:
 - n none of those controversial points are really of crucial importance to POOL
 - n we'll wait for the official proposal and should not have much difficulties to adapt to it

- n CVS user based access control
 - has been implemented by SPI (Thanks to Andreas)
 - download a simple perl script from POOL or SPI web site and follow the description
 - send the program output by email to myself

POOL is Approaching it's First Internal Release (V0.1)

n Main Goal

- navigation for TObject instances operational
 - n all core components in place
 - n at least one component implementation operational
- complete the first release cycle!

n Hope to complete this month

- interface discussion finished
- large fraction of the implementation code already existing and in the repository
- remaining work should be mainly component integration...

Proposed Release Steps & Schedule

- n Complete/Update Component Documentation - by 15th Sept.
 - pool (internal) component description
 - what will be done in this release? what is still left for later?
 - documents are announced on pool list and appear on POOL web site
 - version numbers for any external packages are fixed (Root, MySQL, MySQL++ ...)
- n Component Code Freeze for Release Candidate - by 25th Sept.
 - all component code tagged in CVS
 - n all documented features are implemented and have a test case
 - n compiles at least on highest priority release platform (=Linux RH7.2 and gcc-2.95.2 ?)
 - n survives regression tests on component level
- n System & Integration Testing and later packaging - by 30th Sept.
 - Any remaining platform porting
 - Integration tests & "end user" examples run on all platforms
- n Code review – 2nd & 3rd October
- n Start planning the next release cycle