ROOT I/O Workshop Part 4

July 2012
FNAL / CERN / EVO

Meeting Locations

- FNAL: Round Table (Wilson Hall 11SE)

- CERN: 6-R-012

- Evo: http://evo.caltech.edu/evoNext/koala.jnlp?meeting=MaMDMt2a2iDeDt9I9sDI9a

Schedule
(in Local Chicago Time)

- 09:15 – 09:35

  - CMS

- 09:35 – 09:55

  - ATLAS

- 9:55 – 10:10

  - Coffee/Tea break

- 10:10 – 10:30

  - TXNetFile/TXNetSystem

- 10:30 – 10:40

  - CERN I/O BenchMarks

- 11:00 – 11:30

  - Discussion

ROOT I/O

- Bug fixes and Coverity induced updates

- Parallel prefetching:

    - bug fixes, performance improvements,

    - Still some outstanding instabilities issues.

- TTreeCache ownership tweaks

    - More needed for CMS.

- TFileMerger:

    - When objects can not be merged do *NOT* overwrite the last object in the set with the first.

    - Fix the merging of TTree in sub-directories.

Release Schedule

- ROOT Release v6-00 (Cling is the only supported interpreter)

    - November 2012

- Trunk adequate for testing migration away from Reflex

    - February/March 2013

- ROOT Release v6-02

    - May 2013

- ROOT Release v6-04

    - November 2013

What's for the release

- TInterpreter implementation

- rootcint replacement

  - Using clang's Precompiled Modules

  - ShowMember no longer via compiled code

- clang/llvm in ROOT subversion

- Port of PyROOT

Cling in early 2013

Reflex retirement:

- Upgrade TClass to support missing functionality

  - template instantiation information, Type::Properties, IO completeness, etc.

- Parsing selection.xml

ROOT I/O Workshop
Part 5

- Presentation on progresses

- Continue discussion/developments

- When:

    - Early December 2012