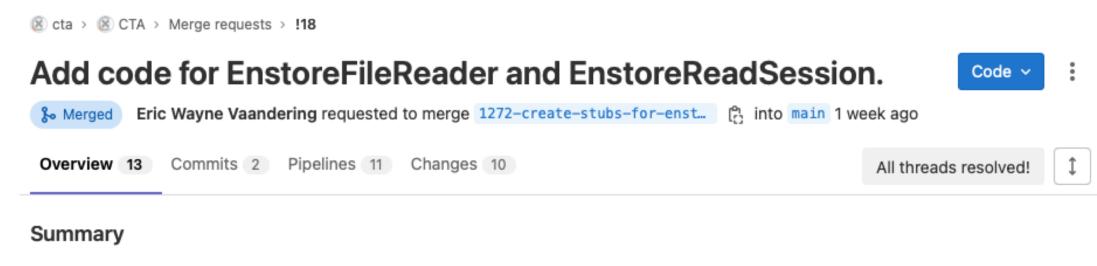# Storage R&D

Bo Jayatilaka

SCD Projects Meeting

18 August 2022

CTA

- Enstore tape reads via CTA successful
  - Now able to read multiple files per mount
  - Merge request in, should be part of next CTA release
- Running EOS cache/buffer on NVMe node
  - Currently also running other CTA services on same server
- Next steps
  - Postgres DB provision by DB group in CCD (Ren is talking to M. Renfer)
  - Metadata DB migration scheme (Dmitry has ideas)
  - Second CTA instance on TFF2 (Spectra) library
- Fermilab team attending CTA dev meetings

cta > CTA > Merge requests > !18

Add code for EnstoreFileReader and EnstoreReadSession.

Code ⌄

Merged   Eric Wayne Vaandering requested to merge `1272-create-stubs-for-enst…` into `main` 1 week ago

Overview 13   Commits 2   Pipelines 11   Changes 10   All threads resolved!

Summary

This allows us to read back Enstore tapes. It also fixes a small bug introduced in !2 (merged) which was looking only for the OSM "hex" file size. There is one small change to the base code class to allow the reader-flavor to control the positioning method since Enstore has no idea of block IDs.

🔷 Fermilab

Ceph