ENDIT 1.0

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Overview

- The dCache endit plugin
- News in the endit daemons

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News in the dCache plugin

- A sleep 1 has been introduced to mitigate one race condition
  - As a result, the number of threads configured in dCache needs to be larger than the max rate of files restored from tape, in Hz
- Packaged up and published
  - Hosted on github, just like the endit daemons
  - Appropriate place for bug reports is github issues (or pull requests)

Daemon news

- Template based configuration
  - Most config renamed, so please generate a new one and re-fill relevant bits when upgrading from old endit
- tsmretriever.pl cleans up old files in "in/" during startup
- More logging
  - Fairly verbose by default
  - Also logs interesting numbers for statistics
- Parallelism in writes
  - Stepwise depending on size of pending queue and config

Daemon news

- Parallelism in reading based on a tapes.hint file
  - File needs to be produced in close cooperation with the TSM server admins and regularly updated
  - One dsmc retrieve session for each tape up to config limit
  - Requests for files not in the hints file is handled by fallback of all such files being considered to be on the "default" tape
  - Avoids frequent remounts of tapes (enforces typical 20k max mounts)
- tsmretrieiver.pl will wait when more requests are trickling in for a particular tape
  - Or timeout is reached
- Lots of bugfixes and documentation updates

Questions?

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