

Xrootd status and ongoing/future work

(1 week status report)

Pavel Jakl

Pavel's and Jerome's meeting
25th of April 2006

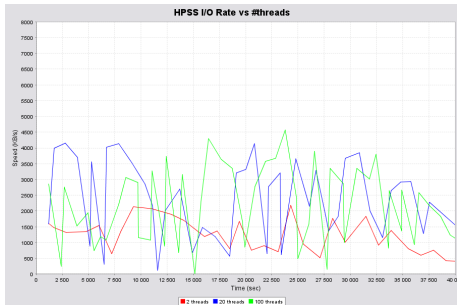
Outline

1 Summary of done work

2 Ongoing/future work

Summary of my work

● Plots on DataCarousel business



- to many fluctuations
- speed is very, very bad
- need to get results from DataCarousel db and compare with mine
- make new tests and more watching of clients (logger ?)

Continuing ...

- **homework** on C course done
 - need more these homeworks :)
 - next courses ?
- **Purging** stand-point
Several solutions:
 - **Fast**: specify min size of free space on each node (if there is no minsize -> apply purge)
 - **Fast**: mass purging by using the crontab and specifying the percentage of free space
 - **Fast, fuzzy**: purge based on filesize which implies 2 redundant statx into HPSS
 - **Slow**: purge by passing the filesize from xrootd layer (which means decrease the number of statx to 1)
- proceedings for **CHEP** conference done
 - apology to you and promise to start it next time sooner

Continuing ...

- **presentation** on S&C meeting
 - any comments, didn't have a time to talk about it ?

Ongoing/future work

- **ACTION ITEM:** production mode of XROOTD
 - current version seems to be stable ...
 - ask next persons to use it -> suprised how their jobs were proceeded so quickly
- set-up monitoring system of XROOTD
 - so far only db and start with collecting data
 - **Estimation:** 1 day
- install new development version of XROOTD on test enviroment
 - many bugs in latest production version
 - bugs in monitoring -> recommended to use latest development
- bytes/sec measurement of **NFS/XROOTD** compare to running jobs
 - **Estimation:** 2-3 day
- measurement of **fault-tolerance**
 - **Estimation:** so far no estimation