

# Xrootd status and ongoing/future work

## (1 week status report)

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STAR data distributed meeting  
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# Outline

1 Summary of done work

2 Discussion themes

# Summary of my done work

- saving of the ganglia plots is done
  - month and weeks statistic
  - available for all xrootd related plots and all nodes
- dynamically generated IO plot
  - need to run new tests and compare with DataCarousel
- failures are detected and reported to database
  - scheme counts also with type of HPSS errors
  - currently working on representation
  - 3 pie charts generated for each week, day, month report
  - success/failures seen by user, types of success/failures seen by server, types of HPSS errors

# Ongoing/future work

- **ACTION ITEM:** all not done actions items from last week
  - how selection list is created
  - DNS RR business
  - XFN/LFN/JFN conversion
  - Provide documentation for xrootd developers
  - planned for tomorrow
- NFS vs XROOTD measurement
  - effort to have plot comparing IO throughput on NFS and XROOTD
  - Y-axis I/O per sec and X-axis number of jobs:
    - is there a I/O boundary in case of NFS/XROOTD with increasing number of jobs ?
  - two different and separated measurement (MuDST compressed files and flat files)
  - several measurements for several number of jobs