

# DDM Ops User Feedback

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# Typical Uses of DDM

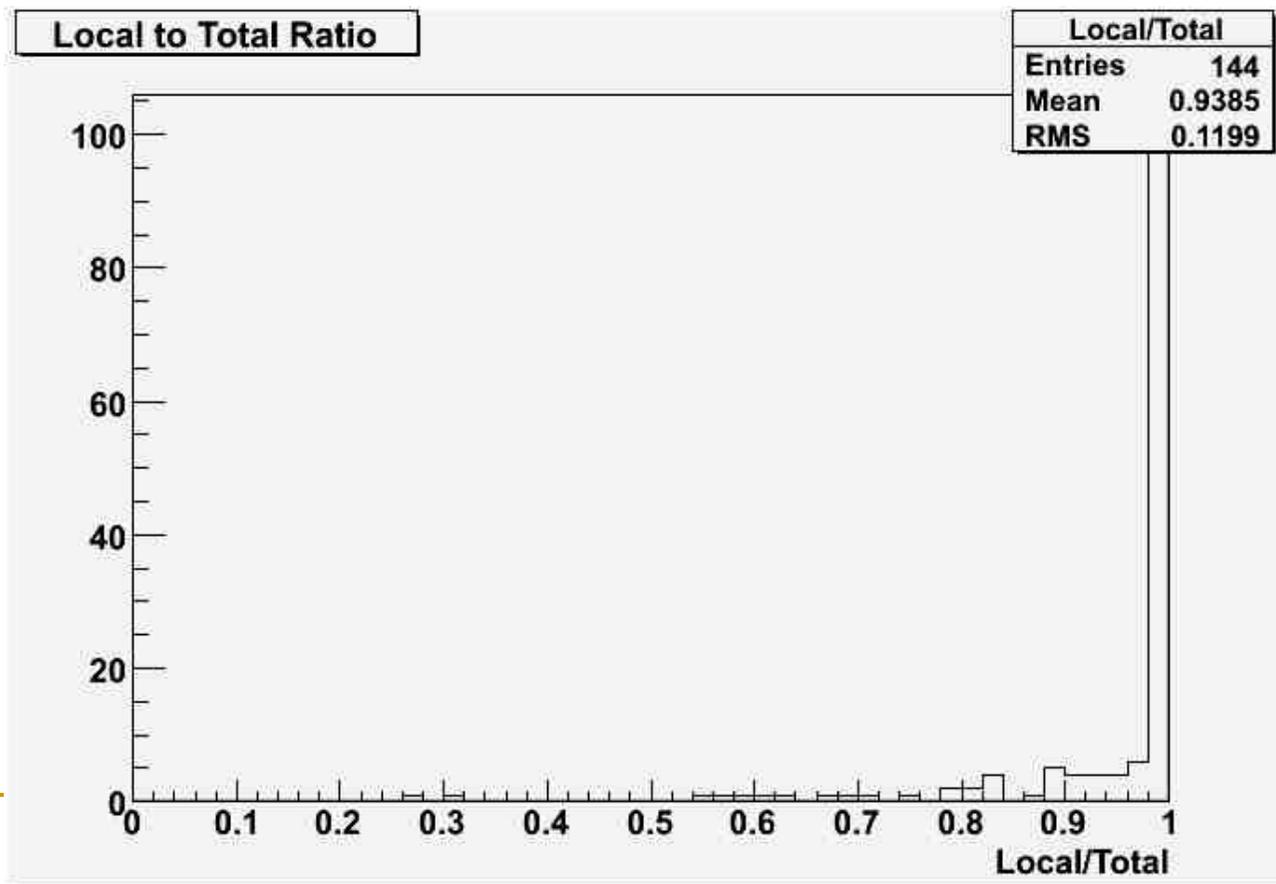
- **Validation**
  - Quick access to data from production
    - Access to ESD/AOD datasets, validate the software/performance
  - Or, be able to run reconstruction on RDOs
- **Performance studies**
  - Running reconstructions on RDOs
    - Private code, development releases
  - Need to have access to RDO datasets
- **Physics Analysis**
  - Proprocessing large number of AOD datasets
  - Access to AODs
    - Either copy AODs, or run distributed analysis
- **Commissioning analysis**
  - Access to commissioning data from detector
  - Some calibration data are also in DDM.

# Experiences

- Great effort to make the calibrations samples RDO available in BNL and Lyon
  - See Claire's talk in Nov, stress test of the system, largely a success
  - Reconstruction benefited from the availability of the data
- 12.0.4 AOD datasets were not promptly accessible for validation
  - Difficulty of accessing data does not match validation needs
  - Coupled to Production System
- Dataset subscription
  - Very useful for dataset distribution
  - Some subscriptions halt in the middle
  - Requires too many expert intervention
  - Subscription before consolidation does not work well
- Hard to figure out which site actually has the data
  - No distinction for the primary data source
  - Subscription to a "good" source works better, but hard to know which one is good.
  - Ideally user would like the system to figure out the best way to get the data
- dq2 client tool (dq2\_get, etc)
  - Very useful and essential, good documentation
  - Site specific instruction is very useful.

# CSC11 AODs at BNL

- We subscribed many CSC11 AOD datasets for BNL
  - Submitted tickets for some of the problems, but did not follow all.
- Need to do better than this for csc12.



# Outlook

- We aim to support large physics analysis community at BNL
  - Data accessibility is always a hot issue
  - Past: Copy data by experts (DC2/Rome)  
Using DQ2 Subscription+Complaints (csc11)
  - Future: data come to us automatically?
- csc12 AOD availability is essential for CSC studies
  - DDM Op's plan of AOD replication to Tier-1 seems sound
  - Monitoring the data transfer, don't wait for users' complaint.
- Expect subscriptions of other datasets (ESDs and RDOs)
  - Many of the SampleA RDOs
- Support is greatly appreciated
  - Thanks for help.