

DDM Ops User Feedback

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Typical Uses of DDM

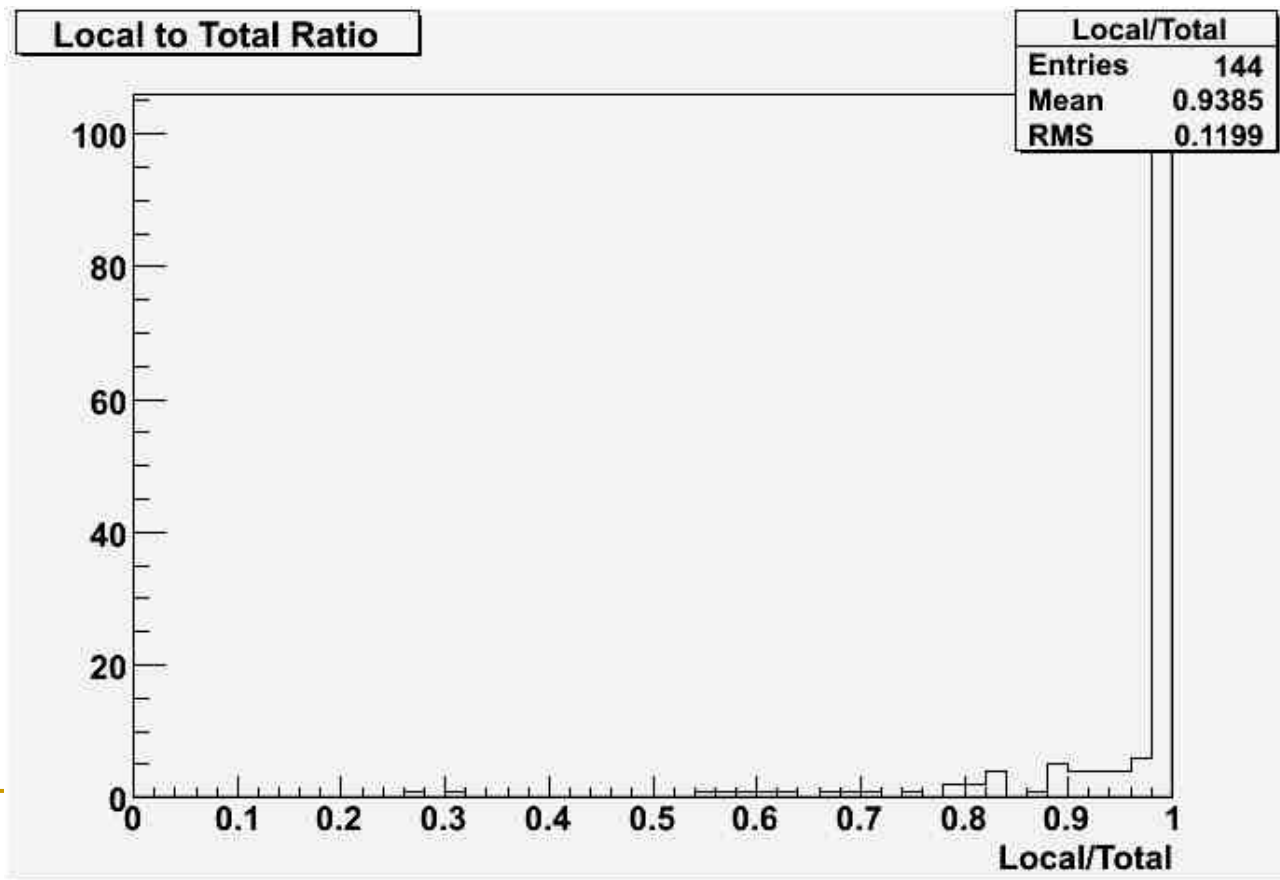
- **Validation**
 - Quick access to data from production
 - Access to ESD/AOD datasets, validate the software/performance
 - Or, be able to run reconstruction on RDOs
- **Performance studies**
 - Running reconstructions on RDOs
 - Private code, development releases
 - Need to have access to RDO datasets
- **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.