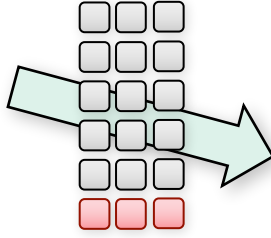


EDM files

Processing

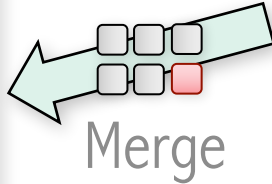


Unmerged EDM files

- Event data
- Run, lumi data
- DQM histograms

Merged files

- Event data
- Run, lumi data
- Merged DQM histograms



Merge

Harvesting

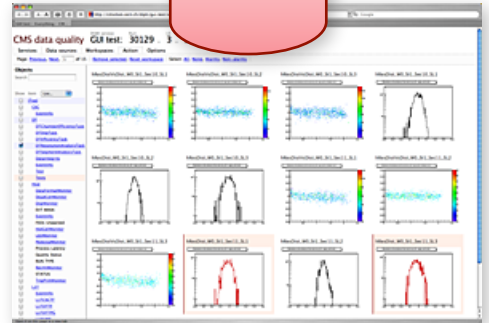
- Extraction
- Summing
- Analysis

Upload



6 TB

DQM
DCS
DAQ



Conditions

Quality
flags

Certification

Run
Registry

Sign-off

DBS
Analysis
datasets

CMS DQM Run Registry