

Reprocessing Status, ADC

J. Taenzer (Tel Aviv)

September 18th, 2018



Data17 Bulk Reprocessing

DATREP-101 ([link](#))

Preparation for fast reprocessing of data17 (Winter 17)

- More info (output formats, r-tags and p-tags, etc.) here:
<https://twiki.cern.ch/twiki/bin/view/Atlas/2017FastReprocessing>
- Reprocessing of 2017 5 TeV (period M) and low mu (period N) is launched!
→ See also **DATREP-122** ([link](#))
- Missing files issue:
 - google doc with missing files from data17 bulk reprocessing: [link](#)
 - Any updates on the “bulk” recovery process?
 - Rod suggested creating archive tasks for DRAW productions (force tape replication)

Other tasks (ongoing)

- **DATREP-106:** DAOD_RPVLL reprocessing ([link](#))
 - data15/16/17 physics_Main are DONE
 - data17 debugrec_hlt is DONE
 - Still need to make physics containers
 - Workflow dependence due to prescale filter is resolved for the future ([link to MR](#))
- **DATREP-115:** Reprocessing of 2016 low mu runs for AFP ([link](#))
 - Both runs exhausted, more investigation needed
- **DATREP-122:** Reprocessing the 2017 low-mu data for MCP (period M and N) ([link](#))
 - See slide 2!
- **DATREP-130:** 2017 low-mu data ESDs for E/p and other cluster studies ([link](#))
 - Waiting for feedback on the output from the test slice
 - Chris Young has created a new output format, DESDM_EOVERP, waiting for MR
- **DATREP-131:** Request for DESDM_EXOTHIP debug stream derivations of data15+data16 in release 20.7 (r10084?) ([link](#))
 - Many failed tasks in data16 that still need to be investigated

Other tasks (ongoing)

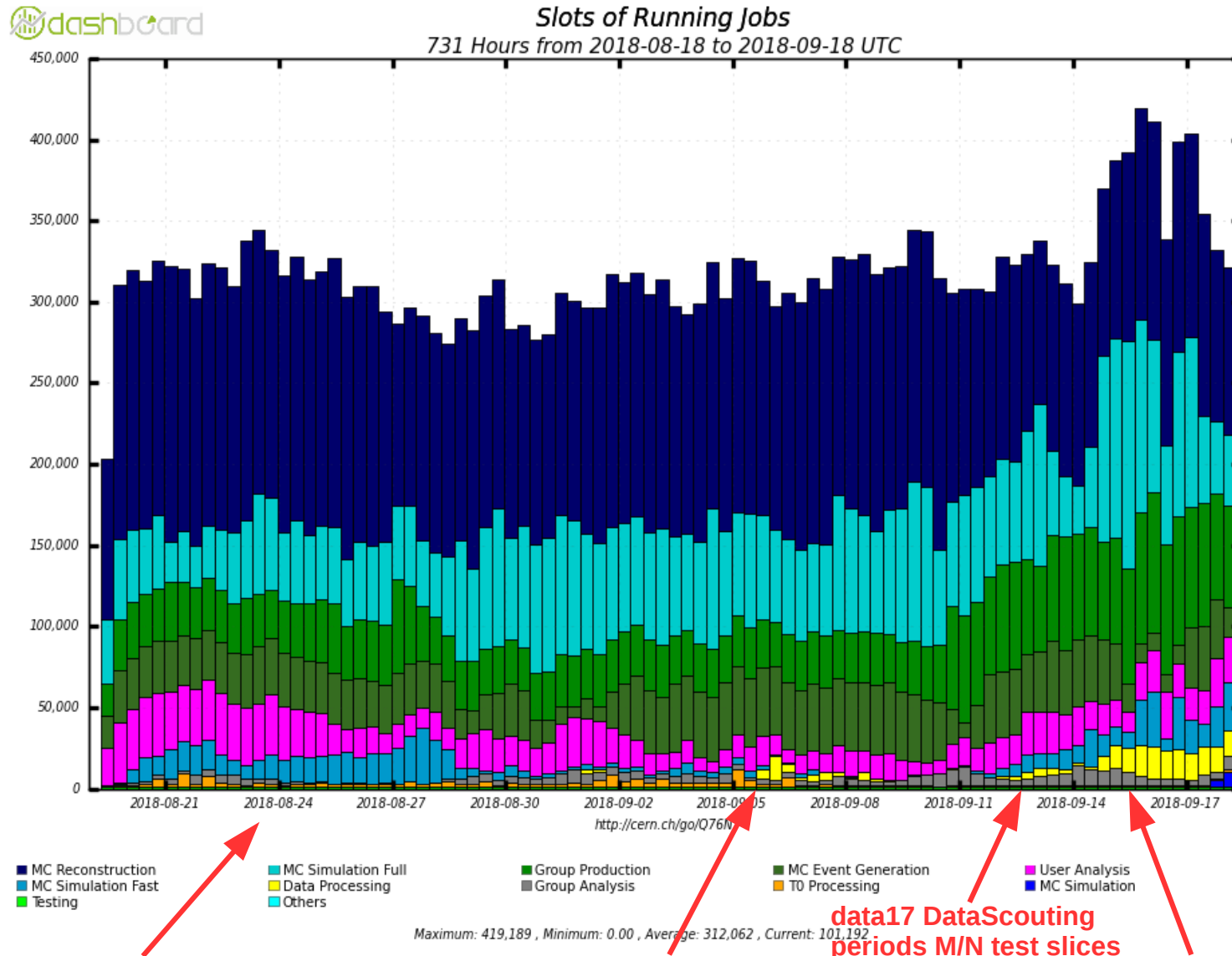
- **DATREP-132:** data18_13TeV production of DAOD_RPVLL from DRAW_RPVLL in release 21 ([link](#))
 - Sequel to DATREP-106
 - Test slice launched and finished, currently being validated
 - DPC deciding if the rest will be done at T0
- **DATREP-134:** Pixel Performance Paper Production (2015 data only) ([link](#))
 - Will run with AthenaMP turned off due to small input file size
 - On hold, DAOD_PixelVALID format needs to be remade

Other tasks (coming up)

- **DATREP-118**: reprocessing of physics_Late stream with DAOD_RPVLL production ([link](#))
 - Requesters have settled on AOD as the output format
 - Still sorting out the appropriate pre/post Execs to use
- **DATREP-128**: This task holds reprocessing tests and requests for reprocessing of Run-1 data ([link](#))
 - Epic, see also [DATREP-17](#), [DATREP-129](#)

BACKUP

Grid usage



Not much data reprocessing activity in August

data17 physics_Main
periods M/N test slices

data17 DataScouting
periods M/N test slices

data17 physics_Main
periods M/N bulk reprocessing