

Group production plans

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with thanks to Matthew, Paul, Lei and group contacts for input

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DPD production plans before/during Christmas

- Plan to launch [NTUP_IDVTXLUM](#) production today/tomorrow:
 - needed urgently for the 2012 luminosity paper
 - input data: data12_8TeV.*.calibration_PixelBeam.merge.AOD located at CERN-PROD_DATAPREP, CERN-PROD_TZERO
 - 703M events, no more than 2.5 TB output, to go to CERN-PROD_DATAPREP, expect to complete in couple of days (~ 6 ms/evt, total $\sim 4.3e6$ s)
- Plan to launch [NTUP_COMMON v2](#) production on Thursday:
 - cache is being built today for bug fixes, submit few validation samples later today
 - 270kb/evt for data and 340kb/evt for MC.
 - no partial processing of AOD to preserve lumiblock boundaries. Jobs run times are long, some exceeding 1+ days.
 - Run on data12 for Egamma/Muons/jetTauEtmis, expect \sim same data volume as in v1 production, 1.6 PB for two copies on datadisk. For MC it'll be much reduced from v1 production (3.6 PB for 2 copies), to be determined by Thursday.

Update on train production plans

- The train production implementation is still evolving, testing in ProdSys I is postponed to January as a new AtlasProduction cache is needed to produce output file names compatible with ProdSys I, being discussed at:
 - <https://its.cern.ch/jira/browse/PRODSYS-90>
 - <https://its.cern.ch/jira/browse/ATLASJT-146>
- 10 derivations have been defined so far:
 - SM1 SM2 SM3 SM4 HIGGS4D2 HIGGS5D1 HIGGS8D1 HIGGS8D2 TOP1 TAU1
 - with output data format DNTUP_SMI, etc.