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AtlasProduction14022101Status

Brief Status of Atlas Production Cache 14.2.2X.Y (14.2.21.1 candidate)

Current situation:

- Release AtlasProduction 14.2.21.1 candidate
- Using build AtlasProduction 14.2.2X.Y and their corresponding nightlies.

Proposed strategy:

Follow and create bugs in savannah for RTT, FCT and grid validation jobs.

NICOS [↗](#) tests

- Latest known nightly: AtlasProduction 14.2.2X.Y rel_2
- Build success: OK
- ATN Test Success rate: 52%
- Last checked: 16 Sep 2008 10h32

Standalone Tests (1 event chain):

- myProject="AtlasProduction"
- myBase="14.2.2X.Y"
- DBRelease="/afs/cern.ch/atlas/www/GROUPS/DATABASE/pacman4/DBRelease/DBRelease-5.8.1.tar.gz"
- geometryVersion="ATLAS-GEO-02-01-00"
- conditionsTag="OFLCOND-SIM-00-00-03"
- triggerConfig="DEFAULT"
- Last checked: 16 Sep 2008 - 10h32

Results:

- run00-00-Evgen/jobReport.txt:ErrorCode=0 (OK)
- run01-00-Atlfast/jobReport.txt:ErrorCode=0 (OK)
- run02-00-AtlasG4/jobReport.txt:ErrorCode=0 (OK)
- run03-01-Digi/jobReport.txt:ErrorCode=0 (OK)
- run04-00-recoESD/jobReport.txt:ErrorCode=0 (OK)
- run05-00-recoAOD/jobReport.txt:ErrorCode=0 (OK)
- run06-00-physVal/jobReport.txt:ErrorCode=0 (OK)
- run14-01-buildTAG01/jobReport.txt:ErrorCode=0 (OK)
- run15-01-RDOtoBS01/jobReport.txt:ErrorCode=0 (OK)
- run16-01-BSrecoESD01/ErrorCode=0 (OK)
- run18-01-AODtoDPD_Egamma/jobReport.txt:ErrorCode=0 (OK)
- run19-01-AODtoDPD_Muon/jobReport.txt:ErrorCode=0 (OK)
- run20-01-AODtoDPD_Jet/jobReport.txt:ErrorCode=0 (OK)
- run21-01-ESDtoDPD_TCT1/jobReport.txt:ErrorCode=0 (OK)
- run22-01-BStoESDAODDPD/jobReport.txt:ErrorCode=0 (OK)

- bug40907(40916) (OK)
 - ◆ csc_BSrecoESD: TRF_ATHENACRASH symbol lookup error
libMuonRPC_CnvToolsLib.so undefined symbol: _ZN18RXReadOutStructureC1Ev

- bug40919 (30683) (TRF_OUTFILE)
 - ◆ csc_atlasG4: G4Exception : FatalError issued by G4PropagatorInField::LocateIntersectionPoint()
 - ◆ Bug opened: 40919 [↗](#)
 - ◆ Fixed by tag **Geant4-00-03-64** in 14.2.22
- bug41096
 - ◆ Missing trigger counts counts for many tau and electron chains
 - ◆ Bug opened: 41096 [↗](#)
- bug41345(41644) (TRF_UNKNOWN)
 - ◆ csc_BSrecoESD: ToolSvc.InDetTRTRodDecoder reports Invalid ByteStream!
 - ◆ Bug opened: 41345 (41644) [↗](#)
 - ◆ Input file had wrong format.
- bug41518(41519) (OK)
 - ◆ csc_evgen: TRF_UNKNOWN, who=THIS, message=OCCURED DURING A SECONDARY SCATTER AND WAS
 - ◆ Bug opened: 41518 (41519) [↗](#)
- bug41524 (41525) (TRF_UNKNOWN)
 - ◆ csc_recoAOD: CaloCellMaker_ForJetSeeds fails with Error executing tool CaloCellCopyTool_ForJetSeeds
 - ◆ Bug opened: 41524 (41525) [↗](#)
- bug41540 (41551) (TRF_UNKNOWN)
 - ◆ csc_recoESD: muComb_900GeV_IDSCAN fails because getFeatureLink finds no TrigMuonFeature (EL invalid)
 - ◆ Bug opened: 41540 (41551) [↗](#)
- bug41553 (41554) (TRF_SEGFAULT)
 - ◆ csc_recoESD: Segmentation in libTrkiPatFitterLib.so called from libMuGirl.so
 - ◆ Bug opened: 41553 (41554) [↗](#)
- Nightly: AtlasProduction 14.2.2X-Y rel_2
- Last checked: 16 Sep 2008 - 10h32

RTT Tests [↗](#)

EvgenJobTransforms tests

- 7218.singlepart_mu20: OK
- 5200.T1_McAtNlo_Jimmy: OK
- Atlfast.5870.ttH_poslepnu_jj_bb: OK
- 5224.AlpgeJimmyWenuNp3: OK
- 5101.JimmyWmunu: OK
- Nightly: AtlasProduction 14.2.2X.Y rel_1
- Last checked: 15 Sep 2008 - 16h12

RecJobTransform tests:

- FDR1toESDandAOD: OK
- BStoESDandAOD: TRF_UNKNOWN
 - ◆ csc_BSrecoESD: ToolSvc.InDetTRTRodDecoder reports Invalid ByteStream!
 - ◆ Bug opened: 41345 (41346) [↗](#)
- RecoTransf_RestrictedESD_noTrigger: OK
- RecoTransf_noTrigger: OK
- RecoTransf_Minimal_NoTrig: OK
- RecoTransf_140000: OK
- RecoTransf_120006: OK

- RecoTransf_Minimal: OK
- RecoTagTransf_130003: OK
- RecoTransf_Restricted: OK
- HeavyIon: TRF_UNKNOWN
 - ◆ csc_recoAOD: CaloCellMaker_ForJetSeeds fails with Error executing tool CaloCellCopyTool_ForJetSeeds
 - ◆ Bug opened: 41524 (41525) [↗](#)
- RecoTransf_130030: OK
- FDR2toESDandAOD: OK
- FDR2withMonitor: OK
- RDOtoBS: OK
- FDR1withMonitor: OK
- Nightly checked: 14.2.2X.Y rel_1
- Last checked: 15 Sep 2008 - 16h12

SimuJobTransform tests:

- T1_McAtNlo_Jimmy: OK
- ShowerParameterizationTest: OK
- ShowerParameterizationTest: OK
- ShowerParameterizationTest: OK
- SingleParticleSample: OK
- DigitizationJobTransform: OK
- HeavyIons_Simulation-Digits: OK
- Nightly checked: AtlasProduction 14.2.2X.Y rel_1
- Last checked: 15 Sep 2008 - 16h12

FCT Tests AtlasProduction

Long pcache

- PhysVal_on_Rec_on_13-GridRDO-csc_physVal: OK
- Rec_on_13-GridRDO-csc_recoESD: OK
- Rec_on_13-GridRDO-csc_recoAOD: OK
- Nightly checked: AtlasProduction 14.2.2X.Y rel_2
- Last checked: 16 Sep 2008 - 10h34

Pileup pcache

- PileupDig-CSC.005188.A3_Ztautau_filter-csc_digi: OK
- PileupDig-CSC.006384.PythiaH120gamgam-csc_digi: OK
- PileupRec-CSC.005188.A3_Ztautau_filter-csc_recoESD: OK
- PileupRec-CSC.005188.A3_Ztautau_filter-csc_recoAOD: OK
- PileupRec-CSC.006384.PythiaH120gamgam-csc_recoESD: OK
- PileupRec-CSC.006384.PythiaH120gamgam-csc_recoAOD: OK
- Nightly checked: AtlasProduction 14.2.2X.Y rel_2
- Last checked: 16 Sep 2008 10h36

Basic-pcache

- Rec-ShowerParam-CSC.005200.T1_McAtNlo_Jimmy-csc_recoESD: OK
- Rec-ShowerParam-CSC.005200.T1_McAtNlo_Jimmy-csc_recoAOD: OK
- Rec_on_13.0.30.2-CSC.005200.T1_McAtNlo_Jimmy-csc_recoESD: OK

- Rec_on_13.0.30.2-CSC.005200.T1_McAtNlo_Jimmy-csc_recoAOD: OK
- Trig_full_no_Bphysics_Rec_on_12.0.6.3-DC3.006640.CharybdisJimmy-csc_recoESD: OK
- Trig_full_no_Bphysics_Rec_on_12.0.6.3-DC3.006640.CharybdisJimmy-csc_recoAOD: OK
- Rec_on_12.0.6.3-DC3.006640.CharybdisJimmy-csc_recoESD: OK
- Rec_on_12.0.6.3-DC3.006640.CharybdisJimmy-csc_recoAOD: OK
- BStoESD-CSC.005200.T1_McAtNlo_Jimmy-csc_BSrecoESD: OK
- RDOtoBS-CSC.005200.T1_McAtNlo_Jimmy-csc_RDOtoBS: OK
- Atlfast-CSC.005200.T1_McAtNlo_Jimmy-csc_atlfast: OK
- Gen-CSC.005188.A3_Ztautau_filter-csc_evgen: OK
- Gen-CSC.006384.PythiaH120gamgam-csc_evgen: OK
- Gen-CSC.005300.PythiaH130zz4l-csc_evgen: OK
- Gen-CSC.005200.T1_McAtNlo_Jimmy-csc_evgen: OK
- SimDig-ShowerParam-CSC.005200.T1_McAtNlo_Jimmy-csc_atlasG4: OK
- SimDig-ShowerParam-CSC.005200.T1_McAtNlo_Jimmy-csc_digi: OK
- AtlfastII-CSC.005200.T1_McAtNlo_Jimmy-csc_simul_reco: OK
- SimDig-CSC.005300.PythiaH130zz4l-csc_atlasG4: OK
- SimDig-CSC.005300.PythiaH130zz4l-csc_digi: OK
- SimDig-CSC.005200.T1_McAtNlo_Jimmy-csc_atlasG4: OK
- SimDig-CSC.005200.T1_McAtNlo_Jimmy-csc_digi: OK
- Rec-AllBasicSamples-csc_recoESD: OK
- Rec-AllBasicSamples-csc_recoAOD: OK
- TagMerge-AllRecReleases-csc_buildTAG: OK
- AODtoDPD-AllBasicSamples.SUSYDPD.AODProdopts-AODtoDPD: OK
- AODtoDPD-AllBasicSamples.TauWZDPD.ESDProdopts-AODtoDPD: OK
- AODtoDPD-AllBasicSamples.TauWZDPD.AODProdopts-AODtoDPD: OK
- Tag-AllBasicSamples-csc_buildTAG: OK
- Nightly checked: AtlasProduction 14.2.2X.Y rel_2
- Last checked: 16 Sep 2008 - 10h35

Open Issues

Procedures to be followed

- Look at FCT Tests called Event, Simu or Reco Job Transforms, open and follow up tickets.
- Look at RTT Tests [↗](#) daily
- Follow up bugs and check daily their status.
- On Tuesday before 12am fill the Atlas Software Validation report for Job Transforms.
- Ignacio Aracena will advise the acceptance of Trigger tags into Atlas Production since May 14th 2008
- In bug reports specify failure rate whenever possible
- Expert in Atlfast I - Simon Dean
- Expert in Atlfast II - Michael Duehrsenn
- Mailing list for RTT issues: hn-atlas-runTimeTester@cernNOSPAMPLEASE.ch
- Technical changes to FCT must be sent to atlas-project-fullchaintest-technical@cernNOSPAMPLEASE.ch
- Nightly kits are installed in

`/afs/cern.ch/atlas/software/prereleases/1420Y`

- Space for bug data: `/afs/cern.ch/atlas/project/TestData/volume_0`

Major updates:

-- AndresPacheco - 25 June 2008

%RESPONSIBLE% Main.unknown

%REVIEW% -- AndresPacheco - 7 July 2008

-- AndresPacheco - 04 Sep 2008

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