

Releases etc...

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Disclaimer : this is usually Emil's talk: only very few items covered here

Also release size/deletion covered in my subsequent talk.

Recent releases



Steve Lloyd's <http://atlas-computing.web.cern.ch/atlas-computing/projects/releases/recentReleases.html>

Recent ATLAS Releases

Total releases = 26 Total size = 405G ([details](#))

Mon 29 November	Tue 30 November	Wed 1 December	Thu 2 December	Fri 3 December	Sat 4 December	Sun 5 December	Total
	AtlasProduction-16.0.3.1 AtlasProduction-16.2.1.4	Release 16.1.0 AtlasProduction-15.6.13.11					4
Mon 22 November	Tue 23 November	Wed 24 November	Thu 25 November	Fri 26 November	Sat 27 November	Sun 28 November	Total
Release 16.2.1 AtlasProduction-16.2.1.1 JetMetAnalysis-16.0.2.5.1	AtlasProduction-16.0.2.7 HiggsAnalysis-16.0.2.5.1	AtlasProduction-16.2.1.2	BTagging-16.0.2.5.1	Release 16.0.3		AtlasProduction-16.2.1.3	9
Mon 15 November	Tue 16 November	Wed 17 November	Thu 18 November	Fri 19 November	Sat 20 November	Sun 21 November	Total
AtlasCAFHLT-15.6.9.36.1 AtlasProduction-16.0.2.5 JetMetAnalysis-16.0.2.3.2	BTagging-16.0.2.3.1	AtlasProduction-16.2.0.6	AtlasCAFHLT-15.6.9.36.2 AtlasProduction-15.6.13.10	AtlasP1HLT-15.6.9.37 AtlasProduction-16.0.2.3 AtlasProduction-16.0.2.6 JetMetAnalysis-16.0.2.4.1			11
Mon 8 November	Tue 9 November	Wed 10 November	Thu 11 November	Fri 12 November	Sat 13 November	Sun 14 November	Total
AtlasCAFHLT-15.6.9.35.1 AtlasProduction-16.0.2.4 AtlasProduction-16.2.0.2 AtlasProduction-16.2.0.3 JetMetAnalysis-16.0.2.3.1		AtlasProduction-16.2.0.4	AtlasP1HLT-15.6.9.36 AtlasProduction-16.3.0.1			AtlasProduction-16.2.0.5	9
Mon 1 November	Tue 2 November	Wed 3 November	Thu 4 November	Fri 5 November	Sat 6 November	Sun 7 November	Total
Release 16.3.0 AtlasProduction-15.6.13.8	Release 16.2.0		AtlasProduction-15.6.13.9 AtlasProduction-16.2.0.1	AtlasP1HLT-15.6.9.35			6
Mon 25 October	Tue 26 October	Wed 27 October	Thu 28 October	Fri 29 October	Sat 30 October	Sun 31 October	Total
	AtlasCAFHLT-15.6.9.32.1	AtlasP1HLT-15.6.9.33 AtlasProduction-15.6.13.7	AtlasP1HLT-15.6.9.34		AtlasProduction-15.6.10.8		5

44 releases in 39 days - 1.12 per day

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Some issues



- ❑ Only three release builders available from Jan 2010 !
- ❑ icc compiler being investigated (would allow in depth performance studies by Intel people)
- ❑ 64 bit validation : need to distribute on the grid (never done before)
- ❑ Integration of Gaudi in nightly build : still remaining issue:
 - Gaudi like tag v1p2r3 need to be agreed by gaudi team
 - Atlas like tag Gaudi-01-02-03 not usable give all the "use Gaudi v*" in Gaudi
- ❑ Coverity: we have a machine <http://atlas-coverity.cern.ch> , access rights to be given to atlas-sw-coverity-users@cern.ch then can start weekly run
- ❑ Rogue use of build area:
 - Some recent afs incident could be traced back to use of (unreplicated) release in build area in large scale production
 - Build area should be used only for debugging purpose
 - Only way to enforce it : build area only readable by a dedicated small afs group (details to be sorted out)