

Releases and Organization Issues

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Inner Detector Software Meeting
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Release Issues

- Main near term release is 8.0.0 which will be used to generate/simulate DC2 events using GEANT4.
 - There may be a few branch releases (8.0.x) if bugs in 8.0.0.
- Current release schedule:
 - 7.6.0 was officially February 11 but was usable on Feb. 14.
 - 7.7.0 Scheduled for March 3 (date solid!).
 - All upgrades and new code for DC2 must be in.
 - Will be used for major pre-release data generation
 - 8.0.0 Scheduled for March 17 – used for simulation
 - Strictly controlled bug fixes only – with the approval of the ID SW steering group the containers will be opened and fixes entered.
 - 9.0.0 Schedule for June 9 – used for reconstruction.
 - Please see official release schedule at:
<http://atlas.web.cern.ch/Atlas/GROUPS/SOFTWARE/OO/Release/>

CVS Repository News & Rules

- Please request new packages and changes early in release cycle – NOT the day before the release.
 - I believe that on at least on occasion that I dropped a request for a new package. If I don't respond by the next morning please ping me again and accept my apologies!
- Do not put in new code into CVS in the last two days!
 - This allows two nightlies to recover from problems.
 - The nightlies start at 9:00 pm CERN time.
- In the last two days of the release please keep myself and Markus informed about what you are doing.
- The Librarian and ID SW Steering group need to maintain proper coordination between the full simulation and CTB software work.

CMT Requirements Files

- Please check your requirements files using the NICOS nightly building interface:
http://atlas.web.cern.ch/Atlas/GROUPS/SOFTWARE/OO/dist/nightlies/www/nightly_builds.html
- Many Inner Detector package requirements files fail some of the tests.
 - Look at the listing for your packages in the column labeled “Checkreq”. If your package is show as WARN it will compile but the CMT requirements file needs work.
 - If you see PASS you are fine.
- Please keep the author and manager requirements file statements up to date as ownership changes.
 - The author statement is for leaf packages.
 - The manager statement is for container packages.

NICOS (NIghtly CONTROL System) build results

Project: ATLASSW_DBG

Release: atrel_0

compiler: gcc 3.2 ; option: dbg ; CMT v1714p20031120

Location: /afs/cern.ch/atlas/software/dist/nightlies/rel/atrel_0

Tests and packages that are highlighted and marked with a red cross have problems

Click on names to see [logfiles](#)

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Integrated tests results

TestAthenaPoolExample	✗
TestAthenaPoolReadWriteExample	✗
TestDigitization	✗
TestArSoftware	✗
TestRecExCommon1	✗
TestRunEventNumber	✗
AthenaServicesTests	●
CLIDrvTests	●
CcpUnitTestExample	●
DataModelTests	●
SGToolsTests	●
StoreGateTests	●
TestAthenaPoolCollectionExample	●
TestAthenaPoolDbExample	●
TestAthenaRootSoftware	●
TestControl	●
TestEventMixer	●
TestHelloWorld	●
TestTriggerRelease	●

Build results for individual packages

Package name	Container	Build	Checkreq	Manager(s)
AthenaPoolTest	AtlasTest/DatabaseTest	✗	WARN	r.d.schaffer@cern.ch
GenzModule	Generators	✗	WARN	i_hincheffe@lbl.gov
InDetHitZebraCnv	InnerDetector/InDetEventCnv	✗	WARN	dcostanzo@lbl.gov
InDetPnVxFinder	InnerDetector/InDetRecAlgs	✗	WARN	fredrik.akesson@cern.ch

TRT Issues

- The TR Model for the TRT has been put in the repository by Mogens Dam and Jakob Nielsen (NBI)
 - We are still adjusting the CVS repository structure to hold the TR generation code.
 - NB: TR code is almost entirely within the simulation and NOT the digitization.
 - Mogens will give a talk on this later in this session.
- FL is chasing down the TRT online identifiers
 - Partial proposal for the final TRT ROD readout arrangement.
 - The TRT-ROD still being revised.
 - For the CTB there is a nearly final scheme.
 - FL will meet with the person designing the cables and patch panels.

EDM and DD Migration Issues

- We should aim to remove all dependencies on the old detector description by 8.0.0
 - FL will ask the non-ID clients to migrate.
 - Please don't make me track you down...

Changes of Personnel

- Davide Costanzo has been appointed ATLAS SW Validation Coordinator and will reduce his ID role.
 - Congratulations to Davide!
 - However Davide is responsible for more Inner Detector packages than anyone else: Pixels, G4, Digitization, etc. etc.
 - Will continue through 8.0.0 and identification of successor(s).
- Veronique Boisvert finishes her fellowship on May 1.
 - Congratulations on a great job!
 - Discussion is underway on finding successors for her primary roles: Raw EDM & Reconstruction EDM.
- FL will be release coordinator from 8.0.0 to 9.0.x.
 - Markus will help out with ID librarian job.
 - Markus is a lot tougher about the rules than I am...

Final Remark

- In the push to be ready for DC2 and the CTB, please keep the Inner Detector Librarians (Markus and myself) informed of your plans...