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Releases based on LHCb v25r0 (and Gaudi v20r2, LCG_55a)

This page documents releases based on LHCb v25r0. **Do not edit**, the content of these releases is frozen.

LHCb v25r0 (Released on 30th July 2008)

Based on LHCb v24r1 but using Gaudi v20r2, and the following new tags

Package	User tag	Suggested official tag	Comment
Calo/CaloDAQ	odescham_20080725	v4r7	protect against large negative noise
DAQ/MDF	cattanem_20080729	v3r12	Adapt to latest Hlt RawBank definitions
Det/DDDB	cattanem_20080729	v1r10	Use new "useOracleCondDB" option, adapt to new MagneticFieldSvc options
	marcocle_20080729	v1r10	Adapted for ONLINE partition
Det/DetCond	marcocle_20080724	v12r2	Configuration for ONLINE monthly snapshots
	cattanem_20080728	v12r2	Fix compilation on Windows
Det/DetDesc	cattanem_20080721	v18r8	Add DetDesc/IDetElemFinder.h, previously in LHCbKernel
Det/DetDescChecks	cattanem_20080725	v4r8	Replace LoadDDDB.opts by .py
Det/DetDescSvc	cattanem_20080721	v2r1	Adapt to new locations of IEventTimeDecoder.h, IGenericTool.h, IDetElemFinder.h and remove LHCbKernel dependency
Det/Magnet	smenzeme_20080717	v4r1	added methods to access flag for real B field map and scale factor to MagnetFieldSvc
	cattanem_20080725	v4r1	Adapt MagneticFieldSvc to ILHCbMagnetSvc interface
	cattanem_20080729	v5r0	Reorganise MagneticFieldSvc to properly use CondDB
Det/RichDet	jonrob_20080725	v11r0	Various improvements (see release notes). Note the suggested new major release number, due to a backwards incompatible change to a public interface (not widely used, only GaussRICH)
Det/STDet	mneedham_20080718	v4r4	Add some info in printout of DeSTSector, add NotBonded to DeSTSector enum
Det/VeloDet	marcocle_20080723	v13r3	minor change in VeloAlignCond test
Event/DAQEvent	cattanem_20080721	v7r13	Adapt to new location of IEventTimeDecoder.h, remove LHCbKernel dependency, do not build .exe for test
	marcocle_20080724	v7r13	Produce "RunChange" incident and use it to manipulate the source location of specific conditions
	tswarniki_20080728	v7r13	Add new Hlt banks
Event/GenEvent	cattanem_20080723	v5r3	Add GenEvent/HepMCUtils.h, previously in Gen/Generators
Event/L0Event	jucogan_20080724_2	v17r1	Add new methods to L0MuonError
Event/HltEvent	panmanj_20080728	v8r11	Add code for HltLumiSummary class
	tswarniki_20080728	v8r11	Add Hlt classes
Event/VeloEvent	truf_20080724	v16r5	enable creation of dictionaries

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	cattanem_20080728	v16r5	fix include path for dictionary generation
Ex/DetCondExample	marcocle_20080722	v11r4	removed LoadDDDB
Ex/IOExample	cattanem_20080723	v2r5	Deal with old HepMC, add QMTTests
GaudiConf	cattanem_20080725	v10r12	Add LHCbApp().UseOracleCondDB option, remove RichOfflineSummaryTracks from DST
	marcocle_20080729	v10r12	Add gaudirun.py, containing patches to released Gaudi version
GaudiObjDesc	hubert_20080724	v11r3	Fixed fragments for parallel build withw "make -j"
Gen/HepMCBack	gcoriti_20080720	v1r0	Streamer to read HepMC 1.26 event
	cattanem_20080728	v1r0	Fix for Windows linkage
Kernel/LHCBAlgs	cattanem_20080721	v2r20	Adapt to new location of IEventTimeDecoder.h
Kernel/LHCbKernel	cattanem_20080721	v9r0	Add python dicts for ITNames.h, TTNames.h, add ILHCbMagnetSvc.h, remove IEventTimeDecoder.h, IGenericTool.h, IDetElemFinder.h, optimize ParticleID.cpp (adds LHCbMath dependency)
L0/L0MuonKernel	jucogan_20080725	v8r1	Add functions useful for the monitoring
OT/OTDAQ	janos_20080722	v7r1	Added an extra bank version to be used for simulation.
Phys/LoKiCore	vanya_20080726	v7r6	add the implementation of Levy-Civita symbols
Phys/LoKiGenMC	cattanem_20080722	v7r1p1	use Gaudi::Units, not CLHEP::
Phys/LoKiPhysMC	vanya_20080722	v7r4	remove CLHEP (not needed anymore)
Rich/RichKernel	jonrob_20080725	v7r14	Add logical and hardware Level1 ID classes + HPDCopyNumber class
Sim/SimComponents	cattanem_20080724	v2r11	Fix for HepMC 2, add DumpHepMC algorithms previously in Gen/Generators
ST/STTELL1Event	jluisier_20080721	v1r4	Add PCN checks and corrupted bank error status, add magic pattern checks
	cattanem_20080724	v1r4	Remove xml/gdd.dtd, remove Event/STProcessInfo.h, fix duplicate class description, fix Class IDs, add Reflex dictionary
ST/STKernel	mneedham_20080725	v1r7	Change printouts, add sameID function to STTell1Board, follow changes of jeroen in STDAQ in STell1Board
Tf/TfKernel	albrecht_20080717	v2r6	Add validity range to IStationSelector
	guerrer_20080721	v2r6	Add some dictionaries
Tools/CondDBUI	marcocle_20080723	v2r12	improvements related to ONLINE snapshots
Tr/TrackInterfaces	smezeme_20080717	v3r16	Unify interfaces for PtKick and FastMomentumEstimate tool
Det/DetSys	cattanem_20080727	v15r0	Update versions for release
Event/EventSys	cattanem_20080727	v24r7	Update versions for release
DAQ/DAQSys	cattanem_20080727	v5r1	Update versions for release
Kernel/KernelSys	cattanem_20080727	v9r0	Update versions for release
LHCbSys	cattanem_20080727	v25r0	Update versions for release

Lbcom v6r21 (Released on 30th July 2008)

Based on Lbcom v6r20 but using LHCb v25r0, and the following new tags

Package	User tag	Suggested official tag	Comment
Calo/CaloTools	cattanem_20080721	v5r3	Adapt to new location of IEventTimeDecoder.h

L0/L0Calo	robbep_20080717	v9r16	Use RawBankReadoutStatus for L0Calo decoding
	robbep_20080722	v9r16	Add detection of hot channels
	robbep_20080724	v9r16	Correct global pi0 address for equal cells
	robbep_20080725	v9r16	Do not try to fill histograms not booked
	cattanem_20080730	v9r16	Fix compilation on Windows
L0/L0DU	cattanem_20080721	v8r8	Adapt to new location of IEventTimeDecoder.h
L0/L0Muon	jucogan_20080724	v8r1	Add protection against not valid tiles at the input of the emulator
L0/L0MuonMonitor	jucogan_20080725	v1r1	Package to monitor the L0Muon
Rich/RichDAQ	cattanem_20080721	v3r19	Adapt to new location of IEventTimeDecoder.h
	jonrob_20080725	v3r19	Adapt to new L1 ID classes
ST/STDAQ	jvantilb_20080725	v3r10	tidy up counters, add more protection against tricky cases in decoding, bug fix in Error creation, bug fix in TTReadoutTool
Velo/VeloSimulation	cattanem_20080724	v3r5	Add an FPE protection
LbcomSys	cattanem_20080729	v6r21	Tags for release

Rec v5r10 (Released on 30th July 2008)

Based on Rec v5r9 but using LHCb v25r0, and the following new tags

Package	User tag	Suggested official tag	Comment
Muon/MuonID	cattanem_20080725	v5r2p1	Remove pragma print on from options
Muon/MuonTrackAlign	smenzeme_20080717	v1r6	adapt to interface changes to PtKick tool
Rec/RecAlgs	cattanem_20080721	v1r7	Adapt to new location of IEventTimeDecoder.h
Rich/RichRecAlgorithms	jonrob_20080728	v2r12	Add two new algs
Rich/RichRecQC	jonrob_20080722	v2r21	Disable the summary monitor
Rich/RichRecSys	jonrob_20080722	v3r12	Disable the summary algorithm
Tf/PatAlgorithms	smenzeme_20080717	v3r9	add use of real B field+scaling factor+interfaces changes in PtKick and FastMomentumEstimate tool
	cattanem_20080718	v3r9	Adapt to ILHCbMagnetSvc interface
	mschille-20080725	v3r9	PatSeeding: fix bug when running with isolation cuts
	cattanem_20080729	v3r9	use TrackSys instead of BrunelSys configurable
Tf/PatVeloTT	cattanem_20080729	v3r3	use TrackSys instead of BrunelSys configurable
Tf/TrackMatching	cattanem_20080729	v2r19	use TrackSys instead of BrunelSys configurable
Tf/TrackSeeding	smenzeme_20080717	v1r4	adapt to interface changes in PtKick
	cattanem_20080719	v1r4	Fix compilation warnings
Tf/TrackSys	cattanem_20080729	v4r16	Add a configurable
Tf/TsaAlgorithms	smenzeme_20080717	v3r5	adapt to interface changes in PtKick and FastMomentumEstimate tool
	cattanem_20080729	v3r5	use TrackSys instead of BrunelSys configurable
Tr/TrackExtrapolators	wdh_20080710, v2r19	protect divide by zero	

Tr/TrackFitEvent	wdh20080724	v3r17	changes in FitNode: added smoother gain matrix (for use in alignment)
Tr/TrackFitter	wdh20080724	v2r27	adapt to change in Fitnode. revive standard kalman smoother
Tr/TrackMonitors	wdh20080725	v1r3	adapt to change in Fitnode. add histograms
Tr/TrackTools	smenzeme_20080717	v3r10	adapt to interface changes to PtKick tool
	cattanem_20080719	v3r10	Adapt to ILHCbMagnetSvc interface, fix compilation warnings
	wdh20080724	v3r10	Adapt to change in FitNode. Use new matrix inversion
	jonrob_20080729	v3r10	Add options to TrackSelector to allow clones to be rejected
RecSys	cattanem_20080729	v5r10	Tags for release

Boole v16r1 (Released on 30th July 2008)

Based on Boole v16r0 but using Lbcom v6r21, LHCb v25r0, and the following new tags

Package	User tag	Suggested official tag	Comment
Calo/CaloDigit	cattanem_20080724	v2r8	Add an FPE protection
Digi/Boole	cattanem_20080729	v16r1	Add QMTTests, update configurable
Digi/DigiAlg	cattanem_20080722	v4r10	Adapt to new locations of IEventTimeDecoder.h, IGenericTool.h
Muon/MuonBackground	cattanem_20080722	v2r7p1	Add a missing Gaudi::Units
Rich/RichDigiQC	jonrob_20080726	v3r10	Adapt to changes in RichKernel
ST/STDigiAlgorithms	mneedham_20080718-2	v1r3	Use dead strips by default
BooleSys	cattanem_20080730	v16r1	tags for release

Brunel v33r1 (Released on 31st July 2008)

Based on Brunel v33r0 but using Rec v5r10, Lbcom v6r21, LHCb v25r0, and the following new tags

Package	User tag	Suggested official tag	Comment
Rec/Brunel	cattanem_20080730	v33r1	Update configurable

Geant4 v91r2p2 (Released on 13th August 2008)

Based on Gaudi v20r2 and Geant 9.1.p02

Identical to v91r2 and v91r2p1 but compiled with Gaudi v20r2

Package	User tag	Suggested official tag	Comment
G4config	gcorti_20080802	v91r2p2	Only change in version
Geant4Sys	gcorti_20080802	v91r2p2	exclude globals.hh from doxygen

Gauss v35r0 (Released on 10th September 2008)

Based on Gauss v34r1 using LHCb v25r0 and Gaudi v20r1, Geant4 v91r2p2 and the following new tags

Package	User tag	Suggested official tag	Comment
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Gen/Generators	robbep_20080720	v8r4	Remove LHAPDF output
	robbep_20080721	v8r4	Generate polarized charmonium
	cattanem_20080723	v8r4	move Generators/HepMCUtils.h to GenEvent and DumpMC stuff to SimComponents
	robbep_20080725	v9r0	Move to HepMC2
Gen/LbPythia	robbep_20080725	v8r0	Move to HepMC2
	robbep_20080726	v8r0	Set new tune for Pythia6.4 as default
Gen/LbPythia8	robbep_20080725	v2r0	Move to HepMC2
Gen/LbBcVegPy	robbep_20080725	v2r0	Move to HepMC2
Gen/ParticleGuns	robbep_20080725	v6r0	Move to HepMC2
Sim/GaussTools	robbep_20080726	v15r0	Move to HepMC2
Sim/GaussKine	robbep_20080726	v2r2	Move to HepMC2
Sim/GaussMonitor	robbep_20080726	v5r3	Move to HepMC2
Gen/LbMIB	robbep_20080727	v3r0	Move to HepMC2
Gen/LbHerwig	robbep_20080727	v6r0	Move to HepMC2
Sim/GaussAlgs	gcorti_20080804	v3r3	Fix compilation errors due to changes in LHCb v25r0
Gen/LbHijing	robbep_20080806	v4r0	Move to HepMC2
	gcorti_20080909	v4r0	Set momentum with corrected units
Gen/GenTests	robbep_20080814	v1r3	New test for B0 decay
Vis/VisSvc	none	v5r3	???
Sim/GaussRICH	sajan_20080808	v9r1	compatible with the latest RichDet, RichG4Cerenkov a poststep process
Gen/Decfiles	gcorti_20080909	v15r1	extend particle guns
Sim/Gauss	gcorti_20080909	v35r0	better options with python, also for 5 TeV, Velo open/close, field on/off via SIMCOND

-- MarcoCattaneo - 31 Jul 2008 -- GloriaCorti - 11 Sep 2008

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