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Releases based on LHCb v26r2 (and Gaudi v20r4, LCG_55c)

This page documents releases based on LHCb v26r2. **Do not edit**, the content of these releases is frozen.

LHCb v26r2 (Released on 23rd February 2009)

Based on LHCb v26r1, with the following new tags

Package	User tag	Suggested official tag	Comment
Calo/CaloDAQ	v4r10	v4r10	CaloDigitFromRaw : bug fix when both ADC and Digits are requested to be stored
DAQ/MDF	cattanem_20090123	v3r17	Backward compatible fixes for Gaudi v21
	v3r17		Add a component library
DAQ/DAQSys	v6r0	v6r0	remove explicit versions from requirements
Det/DDDB	marcocle_20090213	v1r15	Update default tags
Det/DetCond	cattanem_20090129	v12r5p1	Fix compilation warnings from Boost 1.38
Det/DetDesc	cattanem_20090123	v18r12	Backward compatible fixes for Gaudi v21
	marcocle_20090202		Fixed some return type qualifiers
	marcocle_20090203		Reorganized the encoding/decoding of ODIN
	marcocle_20090204		Fixed GSL usage (no_auto_imports). Modified the RunChangeIncident
Det/DetDescCnv	cattanem_20090123	v4r8	Backward compatible fixes for Gaudi v21, remove gcc 2.* ifdefs
Det/DetDescSvc	marcocle_20090116	v2r3	Fix memory leak in UpdateManagerSvc
	cattanem_20090123		Backward compatible fixes for Gaudi v21
	cattanem_20090129		Fix compilation warnings from Boost 1.38
	marcocle_20090203		Reorganized the encoding/decoding of ODIN
	marcocle_20090204		Fixed GSL usage (no_auto_imports). Modified the RunChangeIncident
	cattanem_20090216		Fix untested StatusCode
Det/Magnet	cattanem_20090126	v5r2	Backward compatible fixes for Gaudi v21
	cattanem_20090127		fix a tool release()
Det/STDet	mneedham_20090114_2	v4r7	Clean up initialization phase
	mneedham_20090121		Add setters for Beetle update functions
	mneedham_20090202		Add find by nickname methods
	mneedham_20090203		bug fix in documentation
	jluisier_20090218		add conditionPathName method in DeSTSector
Event/EventSys	v25r0	v25r0	Remove explicit versions from requirements, add LumiEvent
Event/DAQEvent	cattanem_20090123	v7r18	Backward compatible fixes for Gaudi v21
	ocallot_20090126		Add new RawBank types for MDF RDST
	marcocle_20090203		Reorganized the encoding/decoding of ODIN
Event/EventPacker	v1r2	v1r2	Fix packed momentum error. Already released in Brunel v34r1p1 and DaVinci v22r1p1
	ocallot_20090126	v1r3	Add packing of TwoProngVertex. Add packing for MDF RDST
	cattanem_20090127		Fix a compilation warning
	marcocle_20090204		

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			Use the ODINDecodeTool to decode ODIN raw bank
	cattanem_20090212		Fix gcc43 warning
Event/GenEvent	cattanem_20090211	v5r4	Add a missing dictionary
Event/HltEvent	panmanj_20090216	v8r15	Move HltLumiSummary to LumiEvent
Event/LumiEvent	panmanj_20090216	v1r0	New package
	cattanem_20090217		remove linker library
Event/MCEvent	janos_20090127	v2r12	Add type enum to MCOTDeposit
	mneedham_20090127		Extend ghost track classification interface
	mneedham_20090212		Add fractionNoise method to GhostTrackInfo
Event/PackedEvent	ocallot_20090126	v3r5	New class for PackedTwoProngVertex
	cattanem_20090127		Add missing dictionary for new class
Event/PhysEvent	v11r8	v11r8	in xml/FlavourTag.xml added information relative to opposite side taggers decision alone
Event/TrackEvent	dhcroft_20090119	v4r18	Added Velo "Lite" measurements to the list of measurement types
Ex/DetCondExample	cattanem_20090126	v11r7	Backward compatible fixes for Gaudi v21
	cattanem_20090127		remove an unnecessary release()
Ex/IOExample	cattanem_20090122	v2r8	Change test input file to follow EventPacker v1r2 fix
	cattanem_20090207		Add ia32 reference for unpackdst test
GaudiConf	cattanem_20090121	v12r1	Add Gaudi Auditors to possible Monitors
	cattanem_20090123		Add PreloadUnits.opts, previously in \$DAVINCIROOT
	ocallot_20090126		Add handling of MDF RDST in DstContent.py
	jonrob_20090126		Remove RICH extended information from DIGI and DST content
	cattanem_20090126		Backward compatible fixes for Gaudi v21
	cattanem_20090128		Cleanup DstConf for MDF output
GaudiPatches	cattanem_20090211	v1r0	New package for patches to be moved to next Gaudi release
	pkoppenb_20090216		Rename InputCopyStream
Kernel/KernelSys	v12r0	v12r0	Remove explicit versions
Kernel/LHCbAlgs	marcocle_20090203	v2r24	Reorganized the encoding/decoding of ODIN
	marcocle_20090204		Modified the RunChangeIncident
	cattanem_20090211		Protect excessive warnings
	rlambert_20090211		Added EventCounterHisto.{h,cpp}
	v2r24		Fix Windows compilation
Kernel/LHCbKernel	dhcroft_20090119	v11r1	Added direct accessor to FastClusterContainer and less than to SiDataFunctor
	mneedham_20090122		Improvements to IT and TTNames, add toString method to STChannelID
	cattanem_20090123		Backwards compatible fixes for Gaudi v21
	cattanem_20090128		Bug fix in LHCbConfigurableUser propagation of property defaults
	cattanem_20090218		Cleanup
Kernel/LHCbMath	mneedham_20090130	v3r6	Add function to get halfSample width
	marcocle_20090204		Fixed GSL usage (no_auto_imports)
	marcocle_20090205		Removed the GSL no_auto_imports (kept the no-as-needed)
	v3r6		removed slc3 cases for GSL linkopts

Kernel/MCInterfaces	mneedham_20090127	v1r7	Extend ghost track classification interface
Kernel/PartProp	cattanem_20090120	v1r0p1	Do not print info about missing antiparticle for nuclei
LHCbSys	panmanj_20090217		Add LumiEvent package in requirements
OT/OTDAQ	janos_20090119	v7r5	Remove warning about empty GOL headers. Can be empty. Fix unchecked StatusCode
	janos_v20090202		Make less verbose. Use Warning method
	wouter_20090213		Bug fix in decoder for cosmics. Check for existence of banks before decoding.
	cattanem_20090216		Fix untested StatusCode from previous fix
	wouter_20090218		add missing retrieve/release of ToolHandle
Phys/DaVinciKernel		v7r3	Various updates
Phys/DaVinciMCKernel		v3r0	Various updates
Phys/LoKiPhys	vanya_20090211	v8r2	add HASTRACK/TINFO/TRACKINFO functors
Sim/SimComponents	jonrob_20090116	v2r16	Fix memory leak in MCReconstructible
	mneedham_20090217		Improve MCHitMonitor
ST/STKernel	mneedham_20090122	v1r11	Add toString methods for python, improve printing in STTell1Board, improve lexical caster
	mneedham_20090205		Add ISTClusterSelector interface
	jluisier_20090205		56 words error banks handling
	mneedham_20090209		Improvements in STBoardMapping class
	mneedham_20090210		remove can be recovered function to avoid circular dependency
	mneedham_20090217		Add ISTChannelIDSelector interface
ST/STTELL1Event	mneedham_20090119	v1r7	Changes for partial fullbanks + add fillStream methods
	mneedham_20090209		printout flat tell1 number in error bank streamer
Tf/TfKernel	jonrob_20090117	v2r10	Fix OSX/gcc4 warning
Tools/CondDBUI	marcocle_20090209	v2r16	modified dump_db_to_files to simplify the usage of generated files
	marcocle_20090212		modified CondDBAdmin_MakeSnapshot to allow LFC-based authentication
Tr/TrackInterfaces	dhcroft_20090119	v4r1	Added "lite" options to IVeloClusterPosition tool interface

Lbcom v6r26 (Released on 24th February 2009)

Based on Lbcom v6r25, with the following new tags

Package	User tag	Suggested official tag	Comment
Calo/CaloAssociators	cattanem_20090203	v6r7	Remove BooleRelations.opts, now done in Boole()
L0/L0DU	jucogan_20090218	v8r13	Add a Configurable User for L0
L0/L0Muon	jucogan_20090130	v8r5	Fix bug in the filling of the L0MuonCandidates encoded PT + change default output mode
	jucogan_20090203		Modify the handling of TAE events for the decoding
	jucogan_20090209		bug fix in the handling of TAE events for the decoding

	jucogan_20090218		add property to disable decoding of TAE
	jucogan_20090220		Fix untested status code
L0/L0MuonMonitor	marcocle_20090204	v1r4	Updated to get ODIN from the Transient Store instead of decoding the RawBank
	cattanem_20090208		Fix unused variable warning
	jucogan_20090218		add FullMonitoring property for online monitoring - Modify weight for 2D hitmaps
	jucogan_20090220		Fix untested status code
OT/OTMonitor	janos_20090127	v2r9	add monitoring of all deposit types
	janos_20090216		More monitoring of deposits
Rich/RichMCTools	cattanem_20090120	v3r11	Migrate to LHCb::ParticlePropertySvc
Rich/RichTools	cattanem_20090120	v2r25	Migrate to LHCb::ParticlePropertySvc
Si/SiTools	mneedham_20090115	v1r6	Add base class for amplifier response, printing of response function, tool to give second order RC-CR shaper response [SiZuriFunction]
	mneedham_20090115		fix for gcc 4.3
	mneedham_20090124		Add property to turn off atomic binding in SiGeantDepositedCharge
	mneedham_20090127		Turn off smearing in SiGeantDepositedCharge by default
ST/STAlgorithms	mneedham_20090203	v3r4	Bug fix in STClusterKiller initialization
	mneedham_20090210_2		Use cluster selectors in STClusterKiller
	mneedham_20090217		Template SiClustersToLite and add ST and Velo specializations
ST/STAssociators	mneedham_20090116	v1r6	Migrate to new STAlgBase class
	mneedham_20090202		Upgrade to case of delta-rays on
	mneedham_20090202		Remove -g option
ST/STCheckers	cattanem_20090130	v2r10	Remove Boole.opts, now done inside Boole configurable
	mneedham_20090212		Use named algorithms macros to make joboptions names nicer for occupancy algorithms
ST/STDAQ	jluisier_20090205	v3r15	56 words error banks handling
ST/STTools	mneedham_20090210_2	v3r8	Add cluster selector tools
Velo/VeloDAQ	dhcroft_20090119	v4r5	Added a sort to the decoding of the VELO lite clusters for the track fit
Velo/VeloTools	dhcroft_20090119	v3r3	Added code to calculate cluster position for "Lite" VELO clusters

Rec v6r2 (Released on 24th February 2009)

Based on Rec v6r1, with the following new tags

Package	User tag	Suggested official tag	Comment
Calo/CaloMoniDst	cattanem_20090120	v3r4	Migrate to LHCb::ParticlePropertySvc
Calo/CaloReco	cattanem_20090212	v4r17p1	Fix FPE on ia32
Muon/MuonID	miriamg_20090202	v6r1	new Z position for extrapolating to the muon chambers
	miriamg_20090219		small typo fixed
Muon/MuonPIDChecker	pkoppenb_20090217	v3r1	Add warning when container is not there

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	polye_20090218		Add MS and multiplicity histos
Rec/GlobalReco	v6r19	v6r19	Integrate algorithm from Tomasz to update MuonPID information in existing ProtoParticles (Already released in DaVinci patch version v22r0p2)
Rec/LumiAlgs	panmanj_20090216	v1r0	New package for offline lumi accounting
	panmanj_20090217		small corrections to requirements
	cattanem_20090219		fix dependency during make in configurable
Rec/RecCheckers	cattanem_20090120	v1r1	Migrate to LHCb::ParticlePropertySvc
RecSys	panmanj_20090217		Add LumiAlgs package
Rich/RichMarkovRingFinder	jonrob_20090115	v2r5	Fix various compilation warnings on OSX 10.5 with gcc 4.0.1
Rich/RichRecMCAgorithms	jonrob_20090216	v1r2	Add new algorithm
Rich/RichRecMCTools	cattanem_20090120	v2r20p1	Remove obsolete Gaudi ParticlePropertySvc includes
Rich/RichRecQC	cattanem_20090120	v2r25p1	Remove obsolete Gaudi ParticlePropertySvc includes
	jonrob_20090202		Fix build errors in the nighties
	jonrob_20090209		Updates to alignment monitoring
	papanest_20090212		Include RichAlignmentMonitor with "Minimal" histogram output
	papanest_20090216		Fix warning about ambiguous else
	asolomin_20090218		Better structured code RichAlignmentMonitor.cpp
	Rich/RichRecStereoTools	cattanem_20090120	v1r5p1
Rich/RichRecSys	jonrob_20090219	v3r16	Fix python bug in HLT mode
Rich/RichRecTools	cattanem_20090120	v4r6p1	Remove obsolete Gaudi ParticlePropertySvc includes
	jonrob_20090215	v4r7	Small changes to PID plots tool
Rich/RichRecTrackTools	cattanem_20090120	v1r8p1	Remove obsolete Gaudi ParticlePropertySvc includes
	cattanem_20090116	v3r14p1	fix gcc 4.3 warnings
	cattanem_20090120	v3r15	Migrate to LHCb::ParticlePropertySvc
Tf/PatAlgorithms	cattanem_20090121		Fix FPE in PatFwdTrackCandidate constructor
	albrecht_20090209		PatMatch: add TT clusters
Tf/PatVelo	dhcroft_20090204	v3r11	PatVeloSpaceTrack copy constructor now explicit
	cattanem_20090212		fix FPE on ia32
Tf/TrackMatching	cattanem_20090213	v2r21p1	Fix untested StatusCode
Tf/TrackSys	wouter_20090211	v4r21	Removed OTTimeCreator from sequence. Switch to special OT decoder for cosmics
Tf/TsaAlgorithm	mneedham_20090210	v3r9	Update the generic tracking code
	wouter_20090211		Removed cut on max number of T hits such that OTTimes container no longer needed
	cattanem_20090212		Fix gcc43 compilation
Tr/NNTools	cattanem_20090122	v1r4	Improve FPE protection
	cattanem_20090216		Reduce verbosity

Tr/PatChecker	cattanem_20090120	v3r4p1	Remove obsolete Gaudi ParticlePropertySvc includes
Tr/PatFitParams	cattanem_20090120	v3r2p2	Remove obsolete Gaudi ParticlePropertySvc includes
Tr/TrackFitEvent	mneedham_20090119	v3r20	Take cluster size from STPosition tool in STMeasurement
	dhcroft_20090120		Added Velo "Lite" measurements
Tr/TrackFitter	dhcroft_20090119	v2r31	Added ability to fit Velo "lite" measurements
	wouter_20090210		Made 'fast' fit us lite clusters. Fixed bug in FitVelo configuration
Tr/TrackMCTools	mneedham_20090127	v2r21	Extend ghost track classification interface
	mneedham_20090128		Add option to cut on p with CleanPatTrackSelector
	mneedham_20090129		Improvements in CleanPatSelector and ghost track classification
	mneedham_20090130		Bug fix in definition of real tracks in ghost classification tool
	mneedham_20000203		bug fix for gcc 4.3
Tr/TrackMonitor	mneedham_20090119	v1r7	Add TTTrackMonitor
	cattanem_20090120		Migrate to LHCb::ParticlePropertySvc
	dhcroft_20090122		Added the code to monitor "lite" VELO clusters in measurements
	pkoppenb_20090217		Do not break if containers are absent
Tr/TrackProjectors	dhcroft_20090119	v2r22	Added the VeloLite projectors
Tr/TrackTools	dhcroft_20090119	v3r15	Added code to handle Velo Lite measurements to tools
	cattanem_20090120		Migrate to LHCb::ParticlePropertySvc
	albrecht_20090209		Fix MeasurementProvider to correctly use Lite clusters
Tr/TrackUtils	cattanem_20090120	v1r24	Migrate to LHCb::ParticlePropertySvc
Velo/VeloRecMonitors	gersabec_20090213	v1r4	Fix to check previously unchecked status codes. Added Velo alignment offline monitoring plots. Reduced number of bins.

Boole v17r3 (Released on 26th February)

Based on Boole v17r2 but using Lbcom v6r26, LHCb v26r2, and the following new tags

Package	User tag	Suggested official tag	Comment
Calo/CaloDigit	odescham_20090219	v2r12	Align default value with condDB
	jonrob_20090126		Remove RICH extended information linker relation algs
Digi/DigiAlg	cattanem_20090223	v4r15	Use ODINEncodeTool to make ODIN in BooleInit
Digi/Boole	cattanem_20090120	v17r3	Adapt to LHCb::ParticlePropertySvc migration
	jonrob_20090126		Remove RICH extended information linker relation algs
	cattanem_20090128		Fix TAE option
	cattanem_20090129		Move monitoring into Configurable

	cattanem_20090130		Extend TAE to arbitrary number of bunch crossings
	cattanem_20090203		Move all configuration into Configurable, remove Boole.opts, TAE*.opts, RawWriter.opts
	cattanem_20090206		Improve output Filtering functionality
Muon/MuonAlgs	cattanem_20090126	v6r7	Backward compatible fixes for Gaudi v21
	cattanem_20090130		Add EnableSpillover flag
	asatta_20090212		fix noise
	asatta_20090213		add check statutscode
Muon/MuonBackground	cattanem_20090127	v2r8	Backward compatible fixes for Gaudi v21
	cattanem_20090130		Add EnableSpillover flag
OT/OTSimulation	janos_20090127	v4r1	Follow changes in MCOTDeposit
	janos_20090219		Make double pulse deposits for particles only
Rich/RichReadout	cattanem_20090120	v2r12	Migrate to LHCb::ParticlePropertySvc
Rich/RichMCAssociators	jonrob_20090126	v2r7	Move two algs to GaussRICH
ST/STDigiAlgorithms	mneedham_20090203	v1r5	Clean up itDigi.opts
	mneedham_20090210_2	fix a mistaken commit	

Brunel v34r2 (Released on 27th February)

Based on Brunel v34r1 but using Rec v6r2, Lbcom v6r26, LHCb v26r2, and the following new tags

Package	User tag	Suggested official tag	Comment
Rec/Brunel	cattanem_20090120	v34r2	Add QMTests
	ocallot_20090126		Add handling of MDF RDST
	jonrob_20090209		Pass WithMC setting to RichRecQCConf()
	asolomin_20090211		Fix passing configuration options to RichRecQCConf()
	panmanj_20090216		Modify Configurable to handle lumi accounting and FSRs
	jonrob_20090219		Minor python Configuration fixes to PROTO expert checking

-- MarcoCattaneo - 02 Mar 2009

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