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# Releases based on LHCb v27r2 (and Gaudi v21r1, LCG\_56a)

This page documents releases based on LHCb v27r2. **Do not edit**, the content of these releases is frozen.

## LHCb v27r2

Released 22nd June 2009 Based on LHCb v27r1, with the following new tags

Package	User tag	Suggested official tag	Comment
Det/DDDB		v1r18	Update default to latest DB tag
Det/DetCond	marcocle_20090603	v12r7	bugfix in CondDB ConfigurableUser
Det/DetDesc	vanya_20090615	v18r14	Add some missing dictionaries
Det/Magnet		v5r3	New MutipleMagneticSvc
	cattanem_20090612		replace endreq by endmsg
Det/RichDet	jonrob_20090612	v11r5p1	Fix WIN32 warning
Det/VeloDet	krinnert_20090611	13r7	Made Velo sensors aware of top or bottom cabling
Event/HltEvent	jpalac_20090603	v8r18	Add missing dictionaries
	tskwarni_20090604		more dictionaries
	jpalac_20090611		Add dictionaries and remove some useless operators
Event/LumiEvent	panmanj_20090612	v2r1	add LumiIntegral class and add overloaded operators to Lumi
Event/MCEvent	smenzeme_20090604	v2r15	add two new ghost categories
	cattanem_20090609		make MCVertex::position4vector const
Event/PhysEvent	musy_20090604	v11r9	pointer change in a container of Tagger class
GaudiConf	cattanem_20090616	v12r5	Add LHCbApp().Quiet and LHCbApp().TimeStamp options
Kernel/LHCbAlgs	graven_20090614	v2r27	speed up DeterministicPrescaler
Kernel/LHCbKernel	wouter_20090604	v11r5	Fixed bug in hit pattern for muon hits
Kernel/LHCbMath	vanya_20090612	v3r9	add
	vanya_20090613		Gaudi::Math::(Value,Point3D,Vector3D,LorentzVector)With
	vanya_20090613_2		fix for linux
	vanya_20090613_2		add Gaudi::Math::SVectorWithError
Kernel/MCInterfaces	jonrob_20090608	v1r9	Add a new method to Rich::Rec::MC::IMCTruthTool
Kernel/PartProp	vanya_20090602	v1r3	further polishing of nodes
	vanya_20090603		fix a typo
L0/L0MuonKernel	jucogan_20090528	v8r6	Add offsetCoord, a utility function used in monitoring
Phys/DaVinciKernel	jonrob_20090611	v7r7	Fix WIN32 warnings
Phys/LoKiCore	vanya_20090527	v9r2	new module LoKiCore.Vectors.py + new tool DecayNode
	vanya_20090528		fix for gcc4.3 + new default properties
	vanya_20090602		further polishing of trees
	vanya_20090611		fix for Win32 platform (needed for Phys/LoKiTrigger compil
	graven_20090613		allow less verbose printout
Phys/LoKiGen	vanya_20090527	v8r4	LoKi::GenDecays : new HepMC-Decay Finder tool
	vanya_20090602		further polishing of decay finder
Phys/LoKiMC	vanya_20090527	v8r4	LoKi::MCDecay : new MC-Decay Finder tool
	vanya_20090602		further polishing of decay finder
Phys/LoKiPhys	vanya_20090527	v8r6	LoKi::Decay : new Decay Finder tool
	vanya_20090602		further polishing of decay finder
Rich/RichKernel	jonrob_20090603	v7r22	Add an undefined setting to BankVersion enum

	jonrob_20090610		Add histogram binning properties to all 'histo' and 'tuple' base classes
	jonrob_20090611		Fix some WIN32 warnings
Rich/RichRecBase	jonrob_20090608	v3r23	Use typedef in RichRecRing
	jonrob_20090612		Update default GhostProb value
Sim/SimComponents	rlambert_20090611	v2r18	MCEventTypeFinder, added Tau decays

## Lbcom v7r2

Released 22nd June 2009 Based on Lbcom v7r1, with the following new tags

Package	User tag	Suggested official tag	Comment
L0/L0Calo	rob bep_20090603	v9r21	Clean monitoring code
	rob bep_20090604	v9r21	Fix GCC43 compilation errors
L0/L0MuonMonitor	jucogan_20090528	v1r5	Upgrade maps and comparison with muon
Rich/RichDAQ	jonrob_20090603	v3r24	Various improvements and bug fixes to the DAQ tools
	jonrob_20090611		Fix WIN32 compilation warnings
Rich/RichMCMonitors	jonrob_20090611	v1r7	Fix WIN32 compilation warnings
ST/STMonitors	mtobin_20090528	v1r3	Changed binning of histograms
Velo/VeloDAQ	krinnert_20090606	v4r7	Improved decoding robustness

## Rec v7r2

Released 22nd June 2009 Based on Rec v7r1, with the following new tags

Package	User tag	Suggested official tag	Comment
RecSys	jonrob_20090604	v7r2	Add Rich/RichRecTemplateRings
	jonrob_20090611		Remove RICH Local PID packages from the release
Calo/CaloMoniDst	odescham_20090605	v3r8	change _snprintf() to std::string
Muon/MuonID	wouter_20090615	v6r3	add parent track to ancestors
Rec/LumiAlgs	panmanj_20090612	v2r1	add LumiReadBackFSR, (I)LumiIntegrator, LumiIntegrateFSR to use FSR data
Rich/RichENNRingFinder	jonrob_20090606	v1r1	Various improvements to the first released package
	jonrob_20090610		Add option to refit the rings
	jonrob_20090611		Fix some WIN32 warnings
Rich/RichGlobalPID	jonrob_20090611	v3r10p2	Fix some WIN32 warnings
Rich/RichMarkovRingFinder	jonrob_20090603	v2r8	Synchronise the configurable with the ENN Configurable
	jonrob_20090611		Various WIN32 warning fixes
Rich/RichPIDMerge	jonrob_20090611	v2r7	Remove use of Local PIDs
Rich/RichRecAlgorithms	jonrob_20090610	v2r16	Yet more improvements to the trackless ring filtering and isolation algorithms.
	jonrob_20090611		Fix some WIN32 warnings
Rich/RichRecMCAgorithms	jonrob_20090611	v1r3p1	Fix some WIN32 warnings
Rich/RichRecMCTools	jonrob_20090608	v2r22	

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			Implement new MC truth tool method to return MCParticle associated to given RichRecRing
	jonrob_20090611		Fix some WIN32 warnings
Rich/RichRecMonitors	jonrob_20090610	v2r23	Adapt to changes in base classes
Rich/RichRecPhotonTools	jonrob_20090611	v1r6	Fix some WIN32 warnings
Rich/RichRecQC	jonrob_20090603	v2r30	Add new L1 data size monitor + improve histogram limits in trackless ring monitor
	jonrob_20090604		Update trackless ring monitoring options for 'Template' rings
	jonrob_20090605		Do not abort processing when input tracks to RichTrackSelEffMoni are missing
	jonrob_20090605_2		Avoid passing invalid HPD SmartIDs to DeRichSystem in the new L1 size monitor
	jonrob_20090608		Improve MC based trackless ring monitoring plots
	jonrob_20090610		Improvements to the track selection efficiency monitor + Adapt to changes in base classes
	jonrob_20090613		Fix suppression of Linker messages
Rich/RichRecStereoTools	jonrob_20090611	v1r6	Fix some WIN32 warnings
Rich/RichRecSys	jonrob_20090604	v3r20	Add (back) Sajan's template ring finder package
	jonrob_20090612		Remove obsolete RichLocalPID and RichHLTLocalPID packages
Rich/RichRecTemplateRings	jonrob_20090611	v1r0	New ring finder package (Marco, as the current v1r0 tag was never used, I suggest retagging)
	seaso_20090617		More updates for v1r0
Rich/RichRecTrackTools	jonrob_20090612	v1r12	Improvements to the track selectors
Rich/RichRecTools	jonrob_20090612	v4r9	Fix some WIN32 warnings
Tf/PatAlgorithms	smenzeme_20090611	v3r22	bug fix for fit initialization
Tf/TrackSys	smenzeme_20090531	v4r24	use of downstream tracking in case of fieldOff
	smenzeme_20090604		use only long tracks in checking of best container
Tr/TrackCheckers	smenzeme_20090603	v4r6	add efficiency checking relative to another track container (usefull for HLT)
Tr/TrackFitEvent	wouter_20090615	v3r22	add routine to TrackStateVertex to add mass constraint for use in alignment
Tr/TrackFitter		v2r34	bug fix in fast fit configurable
Tr/TrackIdealPR		v2r16	fixed two inconsequential bugs in IdealTracksCreator
Tr/TrackMonitors	wouter_20090616	v1r10	Add TrackDiMuonMonitor
Tr/TrackMCTools	smenzeme_20090604	v2r24	introduce new ghost categories
Velo/VeloRecMonitors	krinnert_20090611	v1r8	optional occupancy plots and improved hist titles in cluster monitor, top/bottom separation in sampling monitor

## Brunel v35r2

Released 25th June 2009 Based on Brunel v35r1 but using Rec v7r2, Lbcom v7r2, LHCb v27r2, and the following new tags

Package	User tag	Suggested official tag	Comment
Rec/Brunel	panmanj_20090612	v35r2	configurable: propagate InputType to LumiAlgsConf
	cattanem_20090616		Move SuppressWarnings functionality into configurable
	pkoppenb_20090616		Changes needed for stripping reco from ETC
	cattanem_20090617		Cleanup for ETC input

## Boole v19r2

Released 25th June 2009 Based on Boole v19r1 but using Lbcom v7r2, LHCb v27r2, and the following new tags

Package	User tag	Suggested official tag	Comment
Digi/Boole	cattanem_20090617	v19r2	Clean up SuppressWarnings

-- MarcoCattaneo - 18 Jun 2009

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This topic: LHCb > LHCb\_v27r2\_Releases

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