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# Introduction

The table below lists all packages used in physics analysis and who's coordinating them. The analysis software development is a NL-UK collaboration with help from CERN, Italy, Poland... and all the people in the WGs.

## The table

Task	Package	Project	Status	Coordinator	
<b>Physics application</b> <a href="#">↗</a>	Phys/DaVinci	DaVinci	Active	Juan Palacios	
<b>Interactive application</b> <a href="#">↗</a>	Phys/Bender	Bender	Active	Vanya Belyaev	
<b>Core</b>	<b>Event Model</b>	Event/PhysEvent	LHCb	Maintained	Juan Palacios
	<b>Base classes</b>	Phys/DaVinciKernel	LHCb	Maintained	Juan Palacios
	<b>Common tools and algorithms</b>	Phys/DaVinciTools	Phys	Active	Juan Palacios
	<b>Particle Makers</b>	Phys/ParticleMaker	Phys	Maintained	Chris Jones
		Phys/ParticleMakerChecker	Analysis		
	<b>Generic cuts</b>	Phys/DaVinciFilter	Phys	<i>Obsolete</i>	Juan Palacios
	<b>ProtoParticle cuts</b>	Phys/ProtoParticleFilter	Phys	Active	Chris Jones
	<b>Particle Transporter</b>	Phys/DaVinciTransporter	Phys	Maintained	Patrick Koppenburg
	<b>Vertex Fitters</b>	Phys/VertexFit Phys/VertexFitChecker	Phys	Active	Yuehong Xie
<b>Sys package</b>	PhysSys	Phys	Active	Juan Palacios	
<b>The LoKi suite</b> <a href="#">↗</a>	Phys/LoKi* (many packages)	LHCb (and HLT)	Active	Vanya Belyaev	
<b>MC truth</b>	<b>Interfaces</b>	Phys/DaVinciMCKernel	LHCb	Active	Juan Palacios
		Phys/Particle2MCTruth	Analysis		
	<b>Associators</b> <a href="#">↗</a>	Phys/DaVinciAssociators	Analysis	To be deprecated	Vava Gligorov
	<b>MC tools</b>	Phys/DaVinciMCTools	Analysis	Active	Juan Palacios
Phys/Particle2MCTruth		Analysis	Active		
<b>Examples</b>	Phys/DaVinciUser	Analysis	Maintained	Patrick Koppenburg	
<b>Analysis</b>	<b>Flavour Tagging</b>	Phys/FlavourTagging	Analysis	Active	Marco Musy
		Phys/FlavourTaggingChecker			
	<b>TIS, TOS &amp; TOB</b>	Phys/TisTosTobbing <sup>3</sup>	Hlt	Active	Tomasz Skwarnicki
	<b>MicroDST</b>	MicroDST/MicroDSTBase MicroDST/MicroDSTInterfaces MicroDST/MicroDSTTools MicroDST/MicroDSTAlgorithm	Analysis	Active	Juan Palacios
<b>Tutorial</b> <a href="#">↗</a>	Tutorial/Analysis	Analysis	Maintained	Patrick Koppenburg	
<b>Stripping</b>	<b>Shared Particles</b>	Phys/CommonParticles	Analysis	Maintained	Patrick Koppenburg
	<b>Jets</b>	External/KtJet	Analysis	Maintained	Vanya Belyaev
	<b>Stripping</b>	Tools/Stripping	Analysis	Frozen for DC06	Orphan

<b>Preselections</b>	PhysSel/PhysSelSys	Analysis	Frozen for DC06	Orphan
<b>B-&gt;D<sup>0</sup>X</b>	PhysSel/B2D0X	Analysis	Frozen for DC06	CP WG
<b>B-&gt;D<sup>+</sup>X</b>	PhysSel/B2DplusX	Analysis	Frozen for DC06	CP WG
<b>B-&gt;D<sup>*</sup>X</b>	PhysSel/B2DstarX	Analysis	Frozen for DC06	CP WG
<b>B-&gt;D<sub>s</sub>X</b>	PhysSel/B2DsX	Analysis	Frozen for DC06	CP WG
<b>B-&gt;light</b>	PhysSel/B2uds	Analysis	Frozen for DC06	CP WG
<b>J/psi-&gt;X</b>	PhysSel/Ccbar	Analysis	Frozen for DC06	PT&M and CP WGs
<b>Jets</b>	PhysSel/JetsSel	Analysis	Frozen for DC06	Victor Coco for FWG
<b>B-&gt;Gamma X</b>	PhysSel/Radiative	Analysis	Frozen for DC06	Vanya Belyaev for RD WG
<b>B-&gt;llX</b>	PhysSel/B2Dilepton	Analysis	Frozen for DC06	Patrick Koppenburg for RD WG
<b>B-&gt;PiPiPi<sup>0</sup></b>	PhysSel/Bd2PiPiPi0	Analysis	<i>Obsolete</i>	Olivier Deschamps
<b>B<sub>s</sub>-&gt;J/psiPhi</b>	PhysSel/Bs2JpsiPhi	Analysis	<i>Obsolete</i>	Gerhard Raven
<b>Sys package</b>	AnalysisSys	Analysis	Active	Juan Palacios

## Meanings

**Active:** There is actual work going on with this package.

**To be improved:** Will become active soon.

**Maintained:** The package is fine and somebody's looking after it.

**To be restored:** There is no version compatible with DC06 available.

**Frozen for DC06:** The stripping started, so don't try to change these packages.

**Obsolete:** These packages are temporary and should be removed from DaVinci for the next generation (after DC06).

-- PatrickKoppenburg - 14 Jun 2007 -- PatrickKoppenburg - 07 Aug 2008

This topic: LHCb > PhysicsPackageCoordinators

Topic revision: r6 - 2018-12-05 - EduardoRodrigues



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