

# LCG Configuration LCG\_54a

## Motivations

- Fix problem with python interaction to ROOT (<https://savannah.cern.ch/bugs/?32867>)
- Performance improvements in COOL
- Bug fixes in POOL (Schema evolution)
- rebuilt of Boost 1.34.1 for python 2.5
- new valgrind version 3.3.0 with patches to support big applications

## Externals

- CMT version: v1r20p20070208 (Linux and Windows), v1r20p20070524 (Mac)

Package	old version	new version	Motivation
boost	1.34.1	1.34.1_python2.5	rebuilt for python 2.5
fastjet	2.1.0	2.3.0	request by Atlas
frontier_client	2.7.6	2.7.7	
gfal	1.10.6	1.10.7	
gsl	1.8	1.10	
siscone	-	1.3.0	plugin to fastjet (newer version than fastjet shipped one)
valgrind	3.2.3	3.3.0	including patches from CMS

## LCG/AA Projects

Project	Version	Short description
ROOT	5.18.00a	bug fix release
SEAL	1.9.4	same as previous config
RELAX	1.1.11	same as previous config
CORAL	1.9.4	bug fix release
COOL	2.3.1	bug fix release
POOL	2.7.1	bug fix release

## Release platforms

osx104_ia32_gcc401
osx104_ia32_gcc401_dbg
slc4_ia32_gcc34
slc4_ia32_gcc34_dbg
slc4_amd64_gcc34
slc4_amd64_gcc34_dbg
win32_vc71_dbg

## More info

- <http://root.cern.ch/twiki/bin/view/ROOT/PatchesV5-18-00>
- <http://pool.cern.ch/relnotes.html>
- <http://pool.cern.ch/coral/ReleaseNotes.html>
- <http://lcgapp.cern.ch/project/CondDB/snapshot/relnotesCOOL.html>

-- StefanRoiser - 21 Feb 2008

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