



Status and Plans for LCG AA Software on Mac OS X 10.4 (Tiger)

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Overview



- **Mac OS X Tiger**
- **Present Status**
- **Plans for Tiger**



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Present Status

- **Mac OS X 10.4 (Tiger)**
 - gcc 4.0.1
 - PowerPC platform initially (AF decision)
 - Let Rosetta do the work on Intel architecture
 - Later build universals
 - Platform string: `osx104_ppc_gcc401`
 - Later also: `osx104_ia32_gcc401`
 - Non-linux (BSD) environment
 - `.dylibs` instead of `.so`
 - Compiler/linker flags different
 - Porting needed for several external packages
 - 7th (12th with `_dbg`) active platform at present

Status of LCG AA s/w on Tiger



- **External packages for LCG AA projects**
 - Basically ported for LCG_45
 - Some need more fine-tuning
 - Some needed “dependent” packages to be updated (e.g. bjam, CMake)
- **External packages for experiments**
 - Patches from CMS for some (qt, mysql++, doxygen)
 - Will collect full list from experiments
 - Any feedback (or patch!) is appreciated
 - Help offered already by experiments
- **LCG AA projects**
 - SEAL porting started (1.8.1)



Plans for LCG AA s/w on Tiger



- **New configuration LCG_46**
 - To accommodate for new versions in some externals
- **Finish porting of SEAL 1.8.1a**
 - End of the week (hopefully)
- **Port experiment specific externals**
 - Using help from experiments
- **RELAX, CORAL, POOL, COOL**
 - Start early next week ?
- **Done by end June ?**
 - Depends on resources in projects
 - Depends on porting of experiment specific externals



Additional Information



- SPI project web:
 - <http://spi.cern.ch>
- SPI project wiki pages:
 - <https://twiki.cern.ch/twiki/bin/view/SPI/WebHome>
- LCG Applications Area web:
 - <http://lcgapp.cern.ch>
- LCG web:
 - <http://cern.ch/lcg>

