Sartre @ JLAB

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Good news: Sartre installed at JLAB
Also installed GSL (Gnu Scientific Library)
Issue: Sartre only works with ROOT 5!

Still todo: Steering routine to output events in BeAGLE-format (Liang)
Some details

• Installed sartre trunk version 205
  • Latest version 221 failed to compile at JLAB
  • Release version has makefiles which fail at BNL(!)
  • 205 (from October 2016) works at both.

• Had to rollback to root 5.34/36 instead of default @ JLAB root 6.0.8
  • BNL uses root 5.34/18
  • Sartre uses $ROOTSYS/include/Math/Interpolator.h which exists in root 5 but NOT in root 6.
ROOT 5?

- Not a crisis because we are going to output text files.
- But you will have to rollback to root 5 while RUNNING sartre.
- Not 100% trivial. Use `/u/group/ldegeom/PACKAGES/rollbackroot.csh`.
- If you need bash I can translate that...
Conclusion

• Sartre installed (sort of)
  • Will discuss root 6 issue with Thomas U.
  • Liang still planning to make a steering routine.
• Short-term BeAGLE tasks still to do (Mark):
  • Instructions for running BeAGLE @ JLAB
  • Implement correct values for d, T(b)
  • Implement crossing angle.