

MuID STAF Conversion – Progress and Plans

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Status of STAF Core Software

97a release.

- Supports reading PISA data files (extension to dio).
- Can convert tables to HBOOK n-tuples (tnt).
- *But . . .* has a few bugs, being worked out.

STAF Resources

- Phenix STAF WWW pages (under development).
http://uther1.phy.ornl.gov/offline/staf/staf_main.html
- STAF Home page (under development).
http://www.rhic.bnl.gov/star/starlib/doc/www/html/ssd_I/staf_I/STAF-05sep97/staf.html
- Bug reporting procedures.
http://www.rhic.bnl.gov/phenix/WWW/offline/bugreport/cts_phenix.html
- STAF support contact.
pope@condor.phy.ornl.gov

MuID STAF Conversion – Progress

Summary

- All MuID PISORP routines converted, except for some n-tuples.
- Code currently resides at ORNL.
- Output has been tested against PISORP version.
- Tests with new STAF version (97a) in progress.

Implementation details

- STAF tables for initialization, replacing MUN_DIGI.PAR file.
- 2 n-tuples implemented (so far) as STAF tables.
 - GEANT hits and tracks (id 1150)
 - Discriminant variables (id 18)

MuID STAF Conversion – Plans

Short-term development plans

- Document modules.
- Implement remaining n-tuples.
- Install converted code in CVS.

Manpower

- Two part-time people (Sam Held, KP).