

Software Activity, Rutherford.

(Status: June 05, 2001)

VME Computer system performance (CERN tests)

- Tulip problems (update kernel to 2.2.14)
- System hangups (improper VME device close on signal?)

New Linux Machine (1GHz, Linux 7.0)

- Installation: Driver for Intel D815EEA (modify eeepro100 or grab from Intel)
- Basic Linux 7.0 (for up to date X: but kernel is old ... 2.2.16)
- Atlun02, Atlun03 names

ROD Test Software

- Looper: Test software from CERN tests
- Now uses the VME access classes from HDMC (explicit constructors, this time):
- ModuleMemory32, ModuleRegister32 and so on
- Rewrite in C++ (next step to including into Run-Control type environment)
- In the process of updating existing test vector components to use HDMC access:
 - My (dummyRoi)
 - Bill's DSS loader to use HDMC access classes.
- Actual Tests:
 - Not much progress. (stalled).
 - Report from April tests needs to be generated too.