sam and cvs packages

- ~13 sam packages exist in cvs repository, in some form.
- We can all access and update them from d0chb, igor, d0nt28 and fncduh(for those with accounts on fncduh).
- If anyone works from another machine we need to know the machine name and put that into the cvs .rhosts file.
- We need a wrapper product (e.g. samcvs) to simply set CVSROOT to cvsuser@fndaub.fnal.gov:/cvs/ols (else must do this by hand to access this repository)

sam and cvs packages/standards

- The job of splitting out IDL into packages separate from both client and server code is almost complete
  - adopt convention that needed IDL files for package sam_xxx are copied from the relevant IDL package which sam_xxx is dependent on into either an idl directory or a tmp directory. There the makefile creates the generated stubs and skeletons using whatever idl compiler is desired, and creates any object files or derived files.
- sam package itself - for web pages and documentation - Please add all new documentation to this cvs package.

sam_user (User's interface to define projects, plan projects, start projects, join projects, get files, rejoin, etc. etc.)

- This week MUST have more meetings to clarify user's interaction with the system (Heidi, Lee, Igor, Vicky)
- must do walk-about of database ER diagram to map complex Farm job scenario into entities and ensure that this case is handled properly (Heidi, Lee, Matt/Julie, Vicky)

test systems and configuration issues

- starting from Red Hat 5.0 Fermilab standard release have not yet succeeded in getting ORBacus to compile and link correctly. Does so, without error, but executables will not run. Deep into glibc, libc, stdlibc++, egcs version problems!! This needs to be understood - the only systems currently working are Red Hat 5.1 ones (forbidden to be used because of security issues). Failed to rebuild egcs compiler, to get clean start.
- Next problem after ORBacus is ACE/TAO - was the thread problem real, or was it just an old glibc? Rich's stuff uses this ORB currently.
- Need to get ups and upd everywhere - Igor working on upgrading his system to use correct ups version

Station Servers - Next …(Igor and Vicky)
(From Last Week's status)

- run more tests including moving actual files with encp . Need to load up a set of fake files.
- finish putting code into cvs - iron out makefile and dependency issues
- finish link with sam_db_server for
  - creating and saving Consumer
  - creating Consumer process
  - recording consumption of file by a consumer/consumer process
- update class interface design
- clarify encp with multiple IP addresses
- start optimizer algorithm writeup (how to priority/increment being implemented)

Station

- get enstore to rebuild, try pointing at different enstore servers/pnfs file spaces
- parse output from encp and use in calls to db_server