Database Breakout

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Presentations

- Attendees - Traudl H-K, Toby B., Pat N., Dave D., Joane B., Cathie M.

- Traudl - Use case of a TB web accessible DB (EROS)

- Bob - Beowulf performance - Beowulf is feasable and has some good features.

- Pat - Characteristics of DBMS'
  - Free Postgres and MySQL
  - Oracle - good and bad points

Use + Requirements

- Need Use cases of possible searches other than point source

- Requirements - Level 1 db requirements already well defined.
- Requirements of other DB straightforward
    - Other DB seem straightforward. Committee will produce requirements
    - Committee - Bob Schaefer, D. Davis, Pat Nolan, Karl Young

Open Issues

- Architecture for Level 1 db still not defined - major stumbling block for progress (~2 FTEs).

- Identify Performance Tests

- Identify Test hardware for DBMS

- Identify Operation issues - mangement, maintenance, extensibility, and risks

- Do measurements
  - Beowulf - Bob + Karl
  - Postgres, MySQL, Sybase - Dave, Bob, + Pat
  - Oracle - Pat + Karl

- Recommend Architecture