Archiver Working Group Summary

No Attendance Sheet

- **Oops!**

Archiver Working Group

- **Learn what other labs are doing and planning in the areas of**
  - **Data acquisition engines**
  - **Data management**
  - **Data extraction and analysis tools**

- **Goal: enable sharing of history data clients, as CA clients are sharable now**

Data Acquisition

- **Reviewed existing engines**
  - **Channel archiver engine**
  - **CZAR engine**
  - **Oracle-based data storage**
  - **SDDS-based data storage**

Data Management

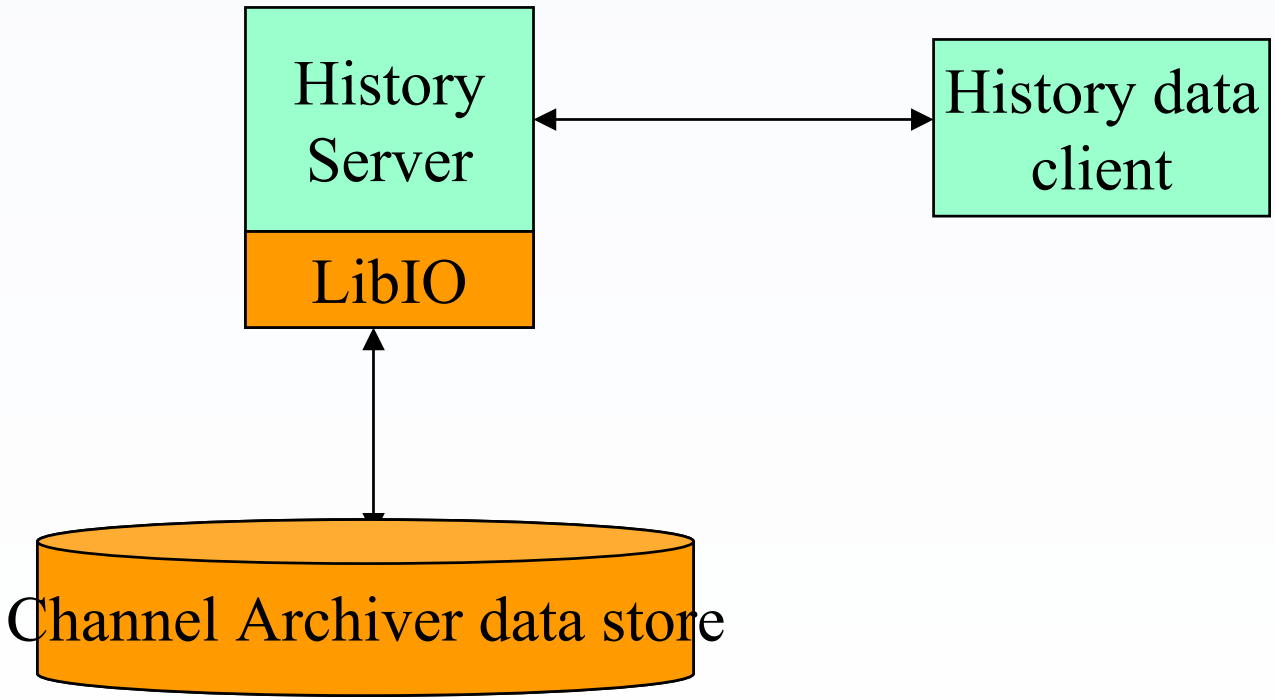
- Common plan to rely on externally managed tape silos for backup/catastrophe recovery
- Some users plan for all data, all the time, forever (cheap and deep)
- Everybody else
  - Data compression ranges from none to zlib
  - Data aging and ownership
    - Separate archivers supporting different sets of users
    - SDDS-based data reduction with (effectively) larger ADEL

Data Extraction and Analysis

- **Data viewing tools in use**
  - **StripTool**
  - **Web-based viewing (cgi-bin tool on Channel Archiver data)**
  - **Xarr**
  - **More sophisticated tools…not yet. No consensus on whether they are needed.**
- **Unclear what data retrieval capability is required by clients**

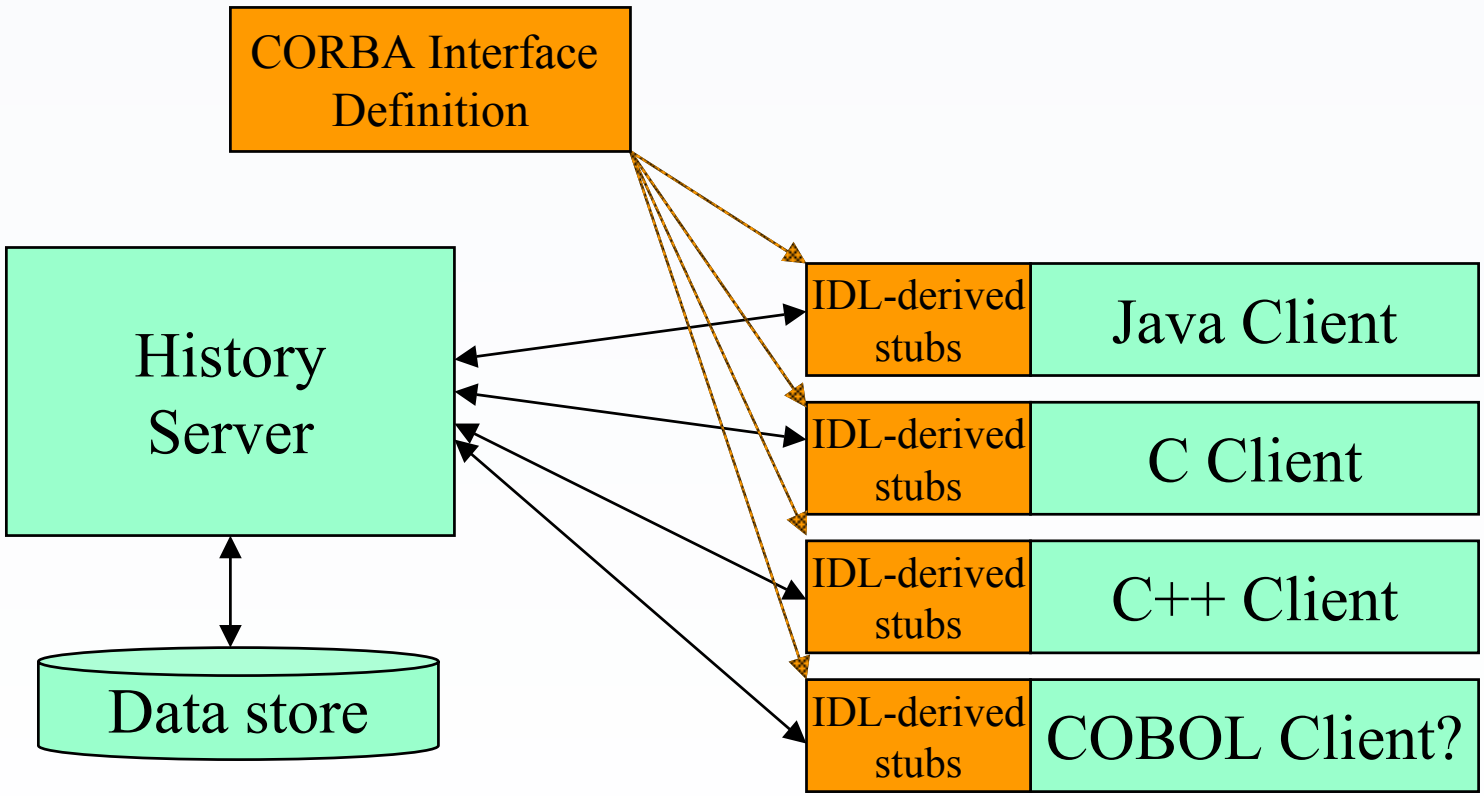
Consensus Item 1

- **LibIO interface will be added to History Server**



Consensus Item 2

- **CORBA IDL will be used as the basis for defining the history data API**



Consensus Item 2 (cont'd)

- **First: Obtain agreement on the existing (narrow) interface definition within a small group (Matt Bickley, Matthias Clausen, Kay Kasemir, Chris Larrieu, others?)**
- **Second: Publish the proposed interface definition to tech-talk for final discussion**
- **A more full-featured interface will be discussed later**