

Misc Topics



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Topics

- Today
 - Database system architectures
 - Client-server
 - Parallel and Distributed Systems
 - Object Oriented, Object Relational
 - XML
 - OLAP
 - Data Warehouses
 - Information Retrieval

Database System Architectures

- Centralized single-user
- *Client-Server Architectures*
 - Connected over a network typically
 - Back-end: manages the database
 - Front-end(s): Forms, report-writes, sqlplus
 - How they talk to each other ?
 - ODBC:
 - Interface standard for talking to the server in C
 - JDBC:
 - In Java
 - Transaction servers vs. data servers