Distributed & Parallel Database Systems

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Outline

- Introduction & architectural issues
- Data distribution & distributed query processing
- Distributed query optimization
- Distributed transactions & concurrency control
- Distributed reliability
- Database replication
- Parallel database systems
- Database integration & querying
- Advanced topics (to be determined)
Fundamental References

- Additional reading material (as needed) posted on the Web site.

Course Administrivia

- Web site: https://cs.uwaterloo.ca/~tozsu/courses/CS742/W13/
- Grading
  - 2 assignments 20%
  - 3 paper reviews 30%
  - Class presentation 20%
  - Final exam 30%