ECS 165B: Database System Implementation
Lecture 16

UC Davis
May 2, 2011
Class Agenda

• Last time:
  – XPath, XQuery, XSLT (cont’d)

• Today:
  – finish with XPath, XQuery, XSLT
  – Quiz review

• Reading
  – Chapters 11-12
Announcements

• Thanks for all your hard work on Part 2! You guys are awesome. We’re almost over the hump...

• Project Part 3 will be out Friday, due Sunday 5/15 @11:59pm
  – not trivial, but definitely easier than Parts 1 and 2

• Quiz #1 in class on Wednesday
Quiz #1 Overview
What’s the Quiz Going to be Like?

• 30 minute, short answer and multiple choice

• 10% of final grade

• Mix of project-related questions and questions about other lecture material

• If you spend a few hours going over the slides through today’s lecture, you should be fine
  – use textbook as reference for clarifications about lecture material

• Don’t stress 😊
Quiz Topics

• Serialization and memory management in C++

• Buffer and file management, and implementation in Part 1

• B+ tree indexes, and implementation in Part 2

• Database theory (light questions)
  – Relational calculus and first-order logic
  – Containment, equivalence, and minimization of conjunctive queries

• XML and semistructured data (light questions)
  – Schemas: DTDs and XML Schema
  – Queries: XPath, XQuery, XSLT