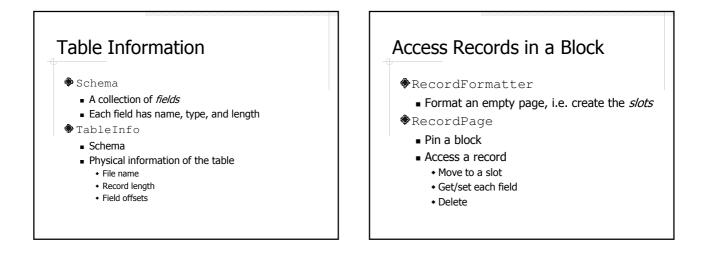


Record Management in SimpleDB

\$simpledb.record



Access Records in a Table

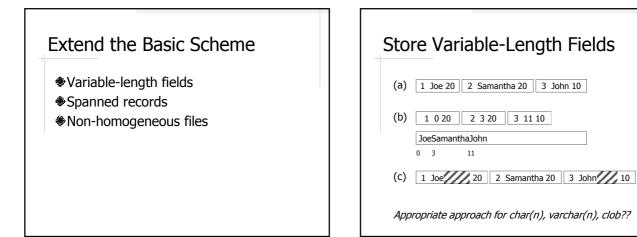
RecordFile

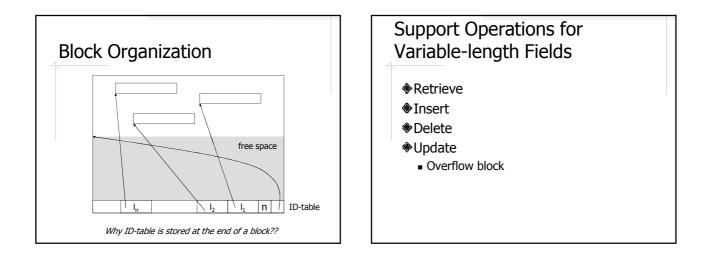
- Keep one block in memory in a RecordPage
- next() will load in the next block if the current block has no more slots to return
- RID = block number + slot number

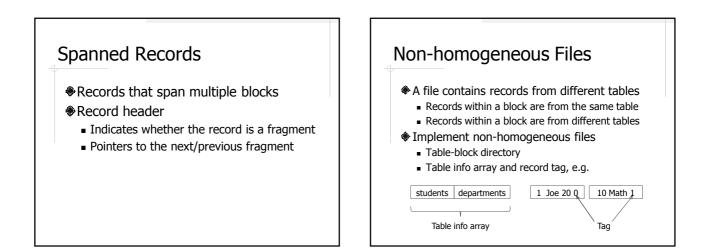
Example: Access Records

Use SQLInterpreter

- Create a table students(sid, sname, dept)Insert two records
- Use a program to
 - Read the records in the table
 - Delete, update, insert







Readings

- Textbook Chapter 15
- SimpleDB source code
 - simpledb.record