VanillaCore Walkthrough Part 5

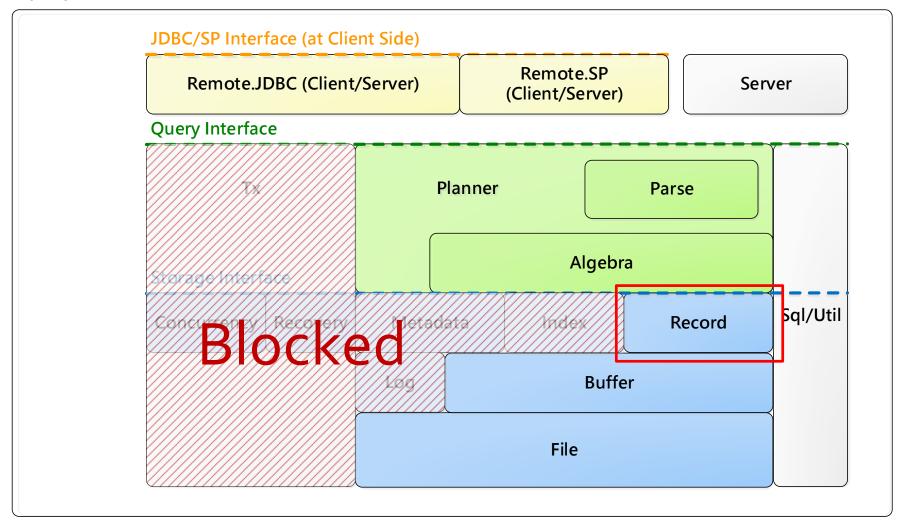
Introduction to Databases

DataLab

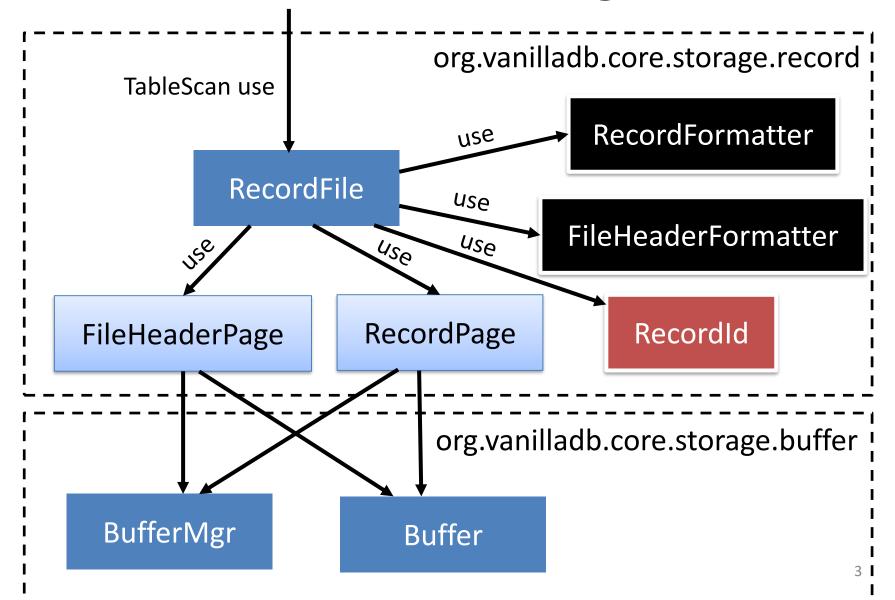
CS, NTHU

The Unlocked Modules

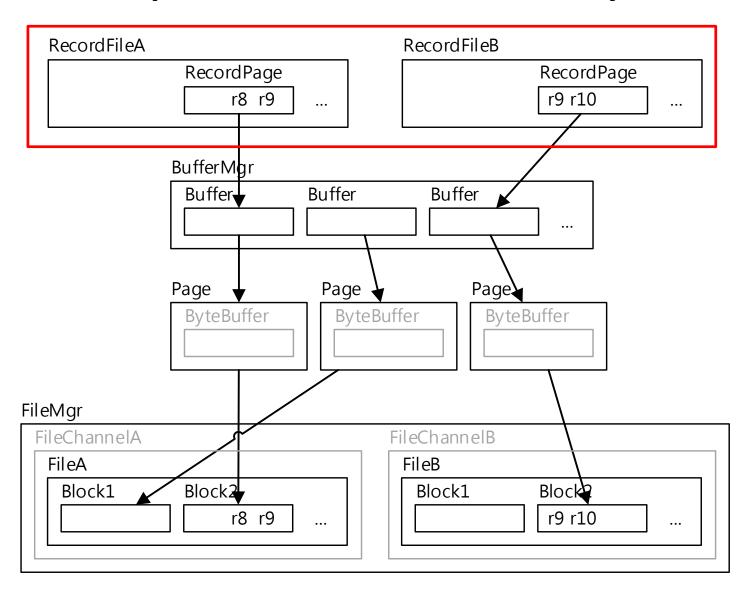
VanillaDB



record Package

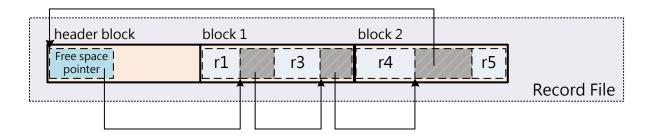


Recap of Data Access Layers

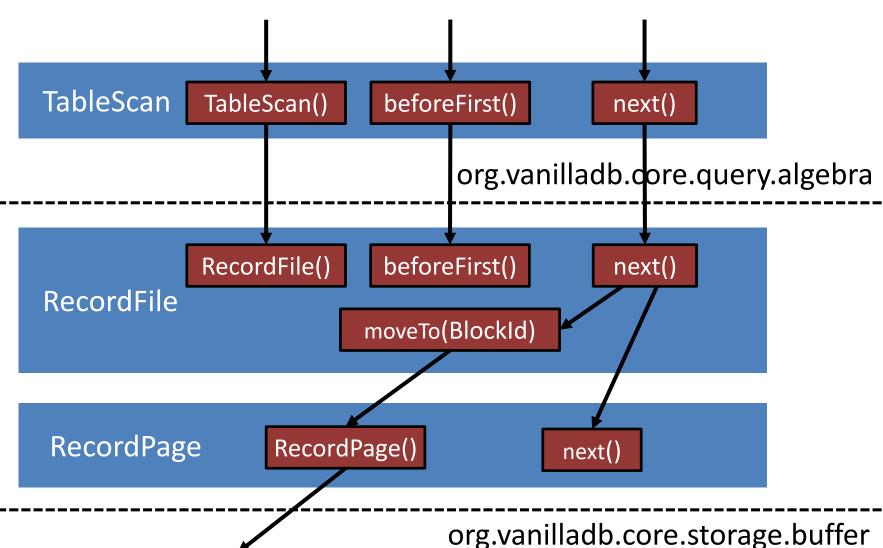


Responsibility of Each Component

- RecordFile: manages a file of records and calls the concurrency manager to ensure isolation property
- RecordPage: lays out records in a page
- FileHeaderPage: header of free-space chain

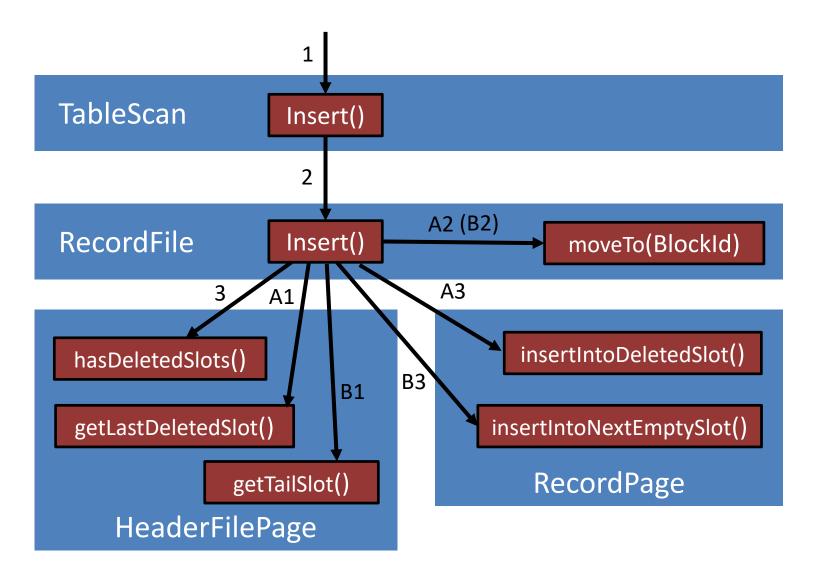


How Is A Record Read?



BufferMgr

How Is A Record Inserted?



Assigned Reading

- How is a record deleted?
- How is the free space chain maintained?