

Homework 11

Important: This homework assignment is designed to help *reinforce concepts* for the upcoming exam as well as *introducing new topics* regarding SQLite's internals.

Be sure to reflect while reading: "I know this!" or "I didn't know that!"

Read The Definitive Guide to SQLite, front cover through Chapter 5 p152, and Chapter 11 p311 - 321.

1. Review chapters 1, 2 and 3 *quickly*.
 - a. Be sure to spend time reviewing chapter 1!
 - b. Note p57-58 "select and the operational pipeline"
2. Review chapter 4.
 - a. Be confident in basic INSERT, UPDATE, DELETE syntax
 - b. Note: p101 "Collations"
 - c. Note: p101-103 "Storage Classes"
 - d. Note: p104-106 "Views"
 - e. Note: p106 - 108 "Indexes"
3. Review & Study Chapter 4 p111 - 125, Chapter 5 p125 - 152
 - a. Review transactions, locks
 - b. New: Study p125 - 138.
4. Read Chapter 11 p311 - 321 "Manifest Typing, Storage Classes, Affinity" and "Write-Ahead Logging."

Take brief notes on the items highlighted above, if you haven't already!

Hint: You may be quizzed on SQLite's manifest typing, storage classes, and type affinity.

Choose one paragraph from items 2c, 3, 3a, 3b or 4 above, and explain it in your own words. Or, ideally, choose one paragraph or concept that you do not understand, and post your question on Piazza. Or, answer a fellow student's post on Piazza with your own explanation.

Your post is due before the next class meeting.