



## **Build your own SQLite**

Learn about SQL syntax, SQLite's file format, B-trees and more

**Start Building** 













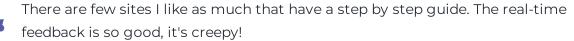


SQLite is a popular SQL database engine. In this challenge, you'll build your own version of SQLite that is capable of reading a SQLite database file and answering basic SQL queries like SELECT and using indexes.

Along the way, you'll learn about the SQLite file format, SQL syntax and more.

## **Stages**

Print page size	VERY EASY
Print number of tables	HARD
Print table names	HARD
Count rows in a table	MEDIUM
Read data from a single column	HARD
Read data from multiple columns	HARD
Filter data with a WHERE clause	HARD
Retrieve data using a full-table scan	HARD
Retrieve data using an index	HARD





Ananthalakshmi Sankar

Automation Team, Apple



Enjoying programming all over again. It's been a while since I wrote Rust, but getting a good hang of it.



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Software Engineer, Headout



Programming challenges for seasoned developers.





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