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ILC Database Theory/Security

Week 1 Progress Report

1/15/2023

This week I started reading chapter 1 of Translucent Databases but got held back since I could only preview it and the book hasn’t arrived in the mail yet. The bulk of my work was getting a workspace setup so I could create databases and test the concepts I learn about throughout the quarter; I believe this became more of a time investment only because I decided to try to get it working on a docker container instead of just installing MariaDB on my PC.

My plans going forward are to read 2-3 chapters per week and put what I read into practice, or atleast find an exercise online so I do get some more practice writing queries. In particular I am looking forward to reading the chapters ‘One Way Functions’, ‘Translucent XML’, and ‘Quantization’. Additionally if I have the time this quarter I want to read into document-oriented databases since I know close to nothing about them.