Accessing Relational Databases in Go

Getting Started with Go and Relational Databases

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Accessing Relational Databases in Go

Version Check

Version Check

This version was created by using:
- Go Language 1.18.3
- MySQL 8.0.29

Version Check

This course is 100% applicable to:

- Go Language 2.x
- MySQL 5.x to MySQL 8.x

Relevant Notes

A note on GUI

- This course is built with GUI – Visual Studio Code; however, any other GUI or a standard notepad works perfectly fine
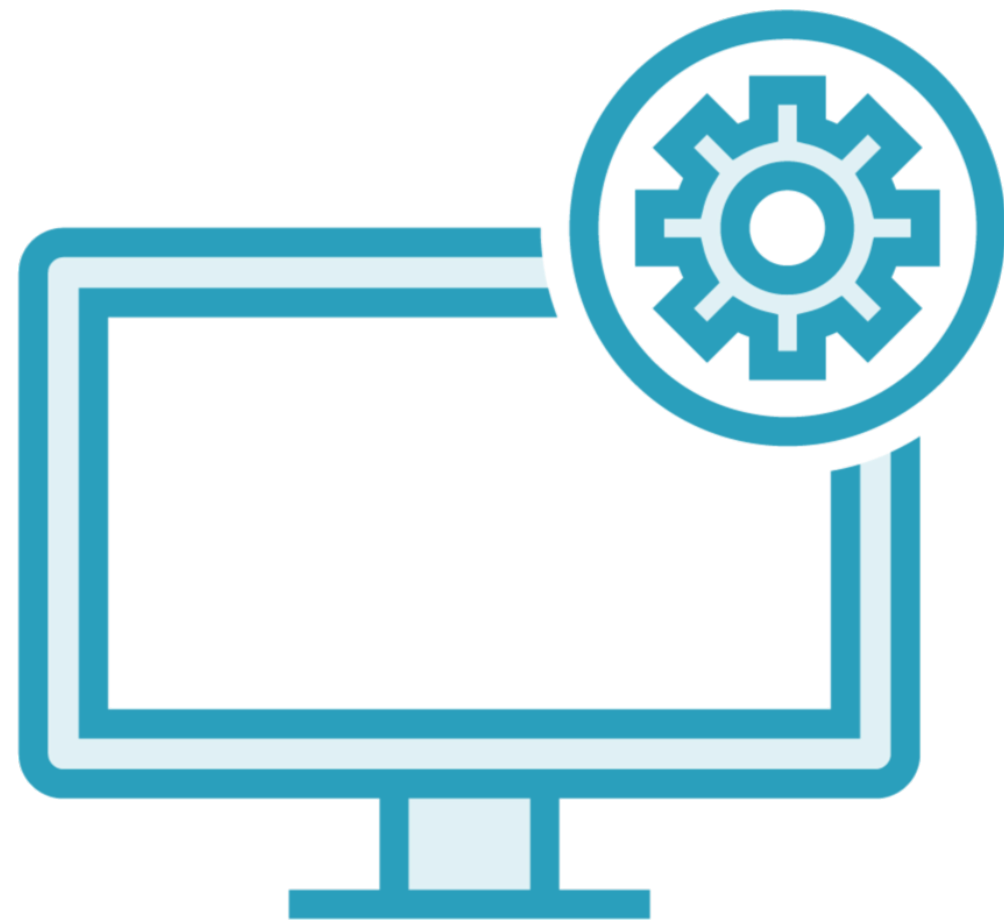
Intended Outcome

Go language interaction with RDBMS

– CRUD - (Create, Retrieve, Update, and Delete)

– Transactions

– Procedures

Testing data-driven application

Prerequisites

Skill

– Fundamentals of Go Language

– Fundamentals of SQL

Software

– Installation of MySQL RDBMS

– Installation of Go Language

– Tool to edit code

– Command terminal

Overview

Go Language and Relational Databases

Demo
- Driver Installation
- Connecting Database

Go Language and Relational Databases

Go Language and Databases

Data Access Technology

– Standard SQL Libraries (RDBMS)

– ORM Libraries

– NoSQL Data Store Drivers

Supported RDMBS

– MySQL, SQL Server, Oracle, Postgres, Snowflake, SAP, and many more

Demo

Driver Installation

Connecting to Database

Summary

SQL Database Drivers for Go Language

– https://github.com/golang/go/wiki/SQLDrivers

Driver Installation

Connecting Database

Up Next:
Implementing CRUD Operations