

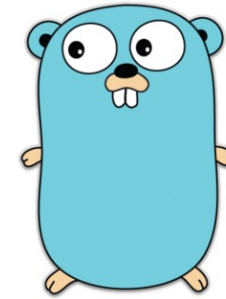


Golang-GraphQL

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Agenda



Go

- Maps
- GraphQL
- Creating GraphQL Server
- Demo
- Q&A

Maps in Golang

A map is like an array except, instead of an integer index, you can have string or any other data types as a key.

```
var myMap map[keyType]valueType
```

Concepts in Map

- Creating an empty map
 - `m := make(map[keyType]valueType)`
- Initializing a map
- Accessing map data
 - `value, ok := m[key]`
- Length of map
- Delete map element
- Map iteration
 - For loop
- Map with other data types
- Maps are referenced type

Other Concepts in Golang

- new keyword
- Switch statement
- go keyword
- Const keyword

GraphQL in Golang

What is a GraphQL server?

A GraphQL server is able to receive requests in GraphQL Query Language format and return response in desired form. GraphQL is a query language for API so you can send queries and ask for what you need and exactly get that piece of data.

Schema: Queries and Mutations

What Is A Query

a query in graphql is asking for data, you use a query and specify what you want and graphql will return it back to you.


What Is A Mutation

Simply mutations are just like queries but they can cause a data write, Technically Queries can be used to write data too however it's not suggested to use it. So mutations are like queries, they have names, parameters and they can return data.

Reference: <https://www.howtographql.com/graphql-go/0-introduction/>



Demo



Q&A