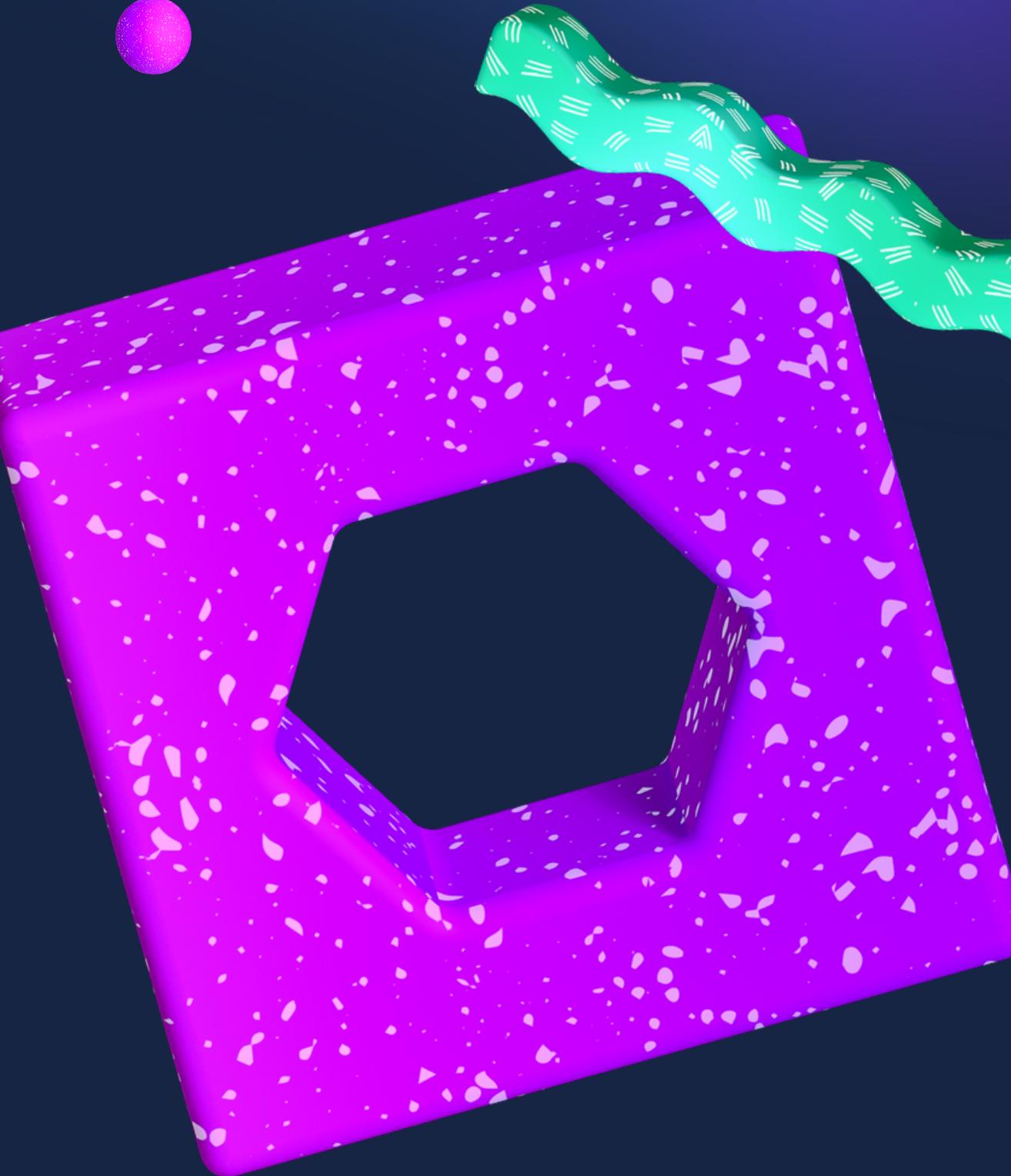


=GO

GoLang

Hands-On Session



Content of the session



Part-1
Project Overview



Part-2
Building the project



Part-3
Quiz

Lets get started!



Essentials . . .



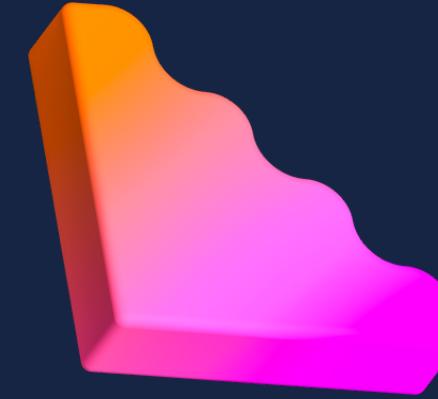
Some prerequisites

Download go web application from "
<https://go.dev/>"

Run "go version" command in the
terminal to check installation

Install go extension in vscode

How to install on Linux



Command no. 1

```
$ rm -rf /usr/local/go && tar -C /usr/local -xzf go1.19.5.linux-amd64.tar.gz
```

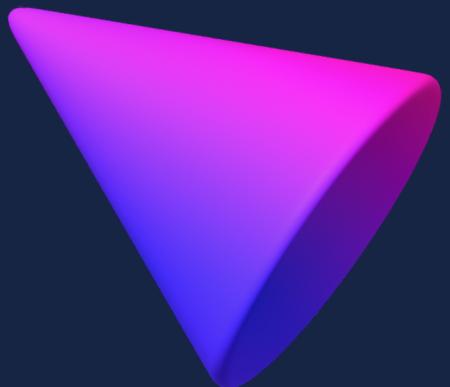
Command no. 2

```
export PATH=$PATH:/usr/local/go/bin
```

PATH : Enter the path of your bin folder
where the file is extracted

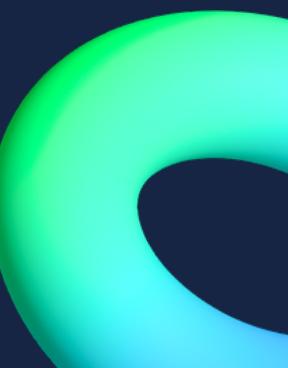
Command no. 3

```
go version
```





So the question is:
What are we building today?



We are going to build an
Quiz application -
“Quizzer”.

Project Overview



Project consists of

`main.go file`

`dataPuller.go file`

`API endpoint`

What is an API?



Definition of API:

Application **P**rogramming **I**nterface (API) is a software interface that allows two applications to interact with each other.

Note:- Bridge between an user and a database

Standard Libraries used

library	Overview
"fmt"	Package fmt implements formatted I/O with functions analogous to C's printf and scanf.

Standard Libraries used

library	Overview
"io/ioutil"	Package ioutil implements some I/O utility functions.

Standard Libraries used

library	Overview
"net/http"	Package http provides HTTP client and server implementations.

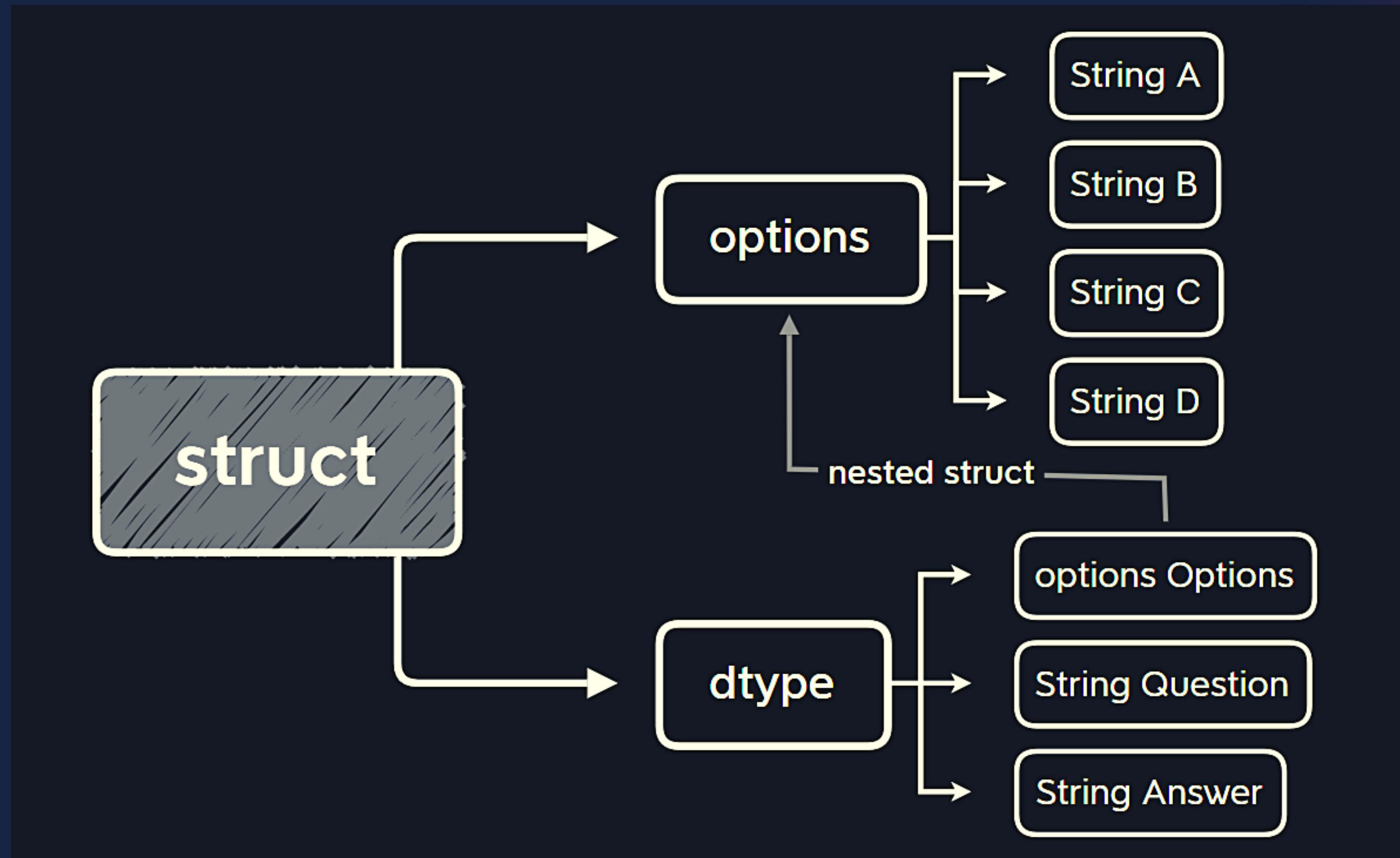
Standard Libraries used

library	Overview
"time"	Package time provides functionality for measuring and displaying time.

Standard Libraries used

library	Overview
"encoding/json"	Package json implements encoding and decoding of JSON

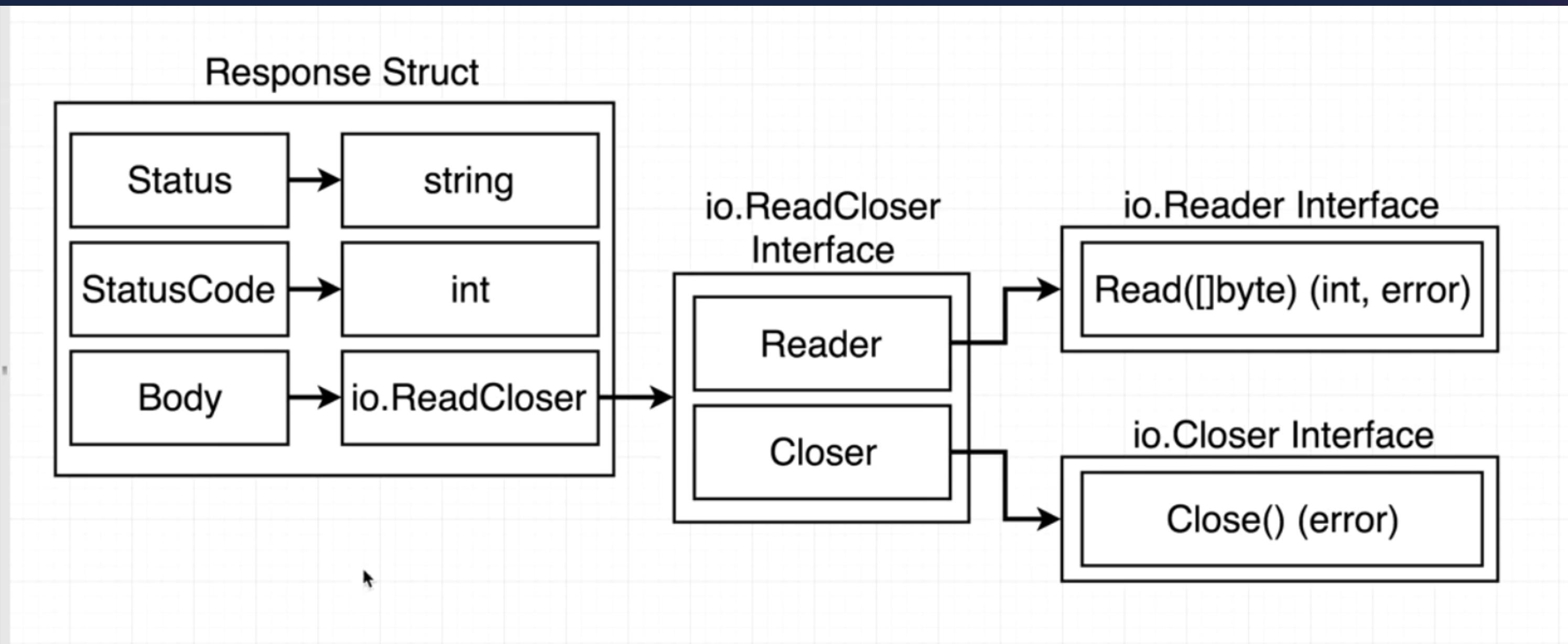
Struct Declaration



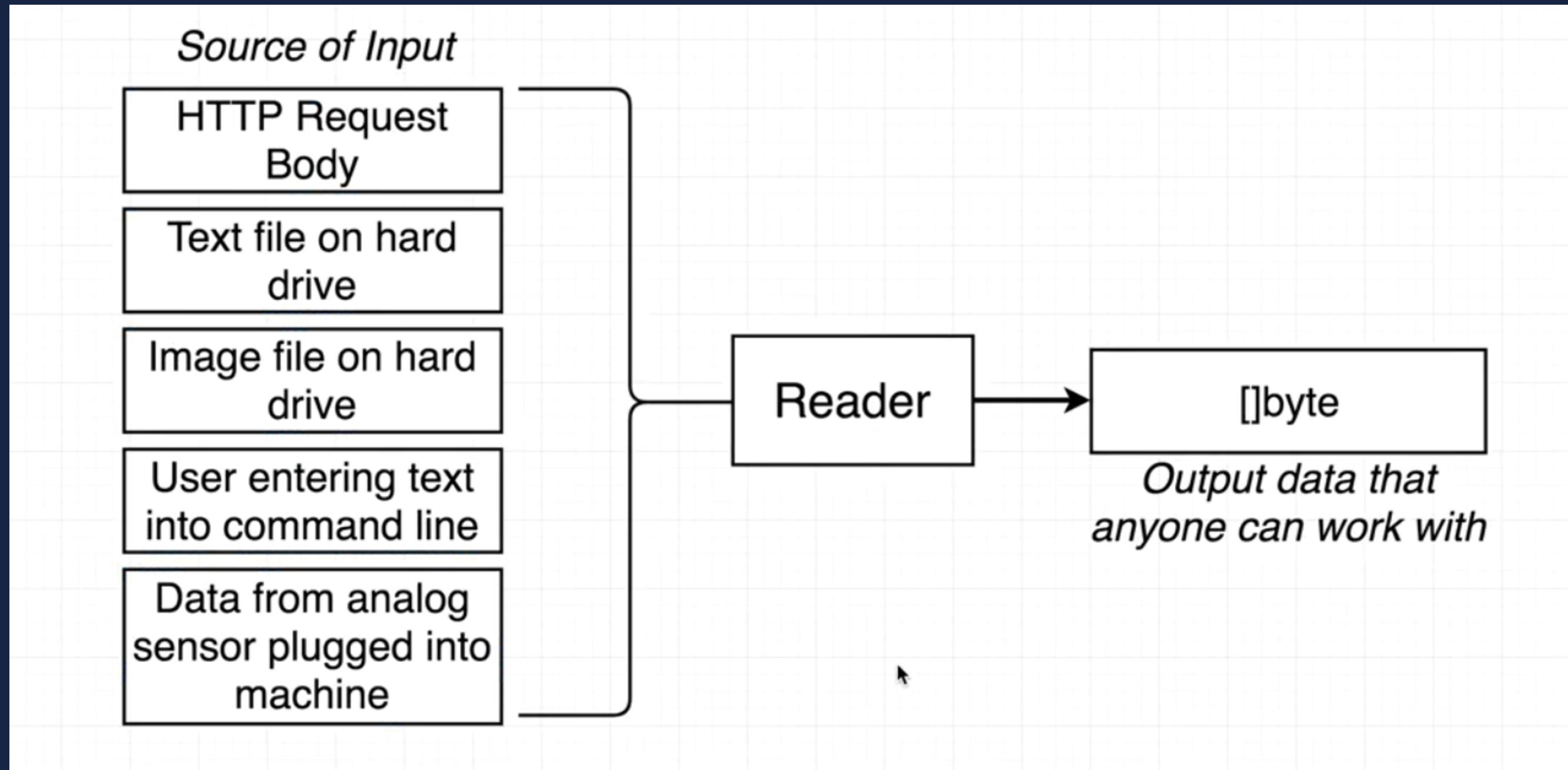
So , Let ' s build !



The Get Response



Why ReadClosure?



Thank You!!

