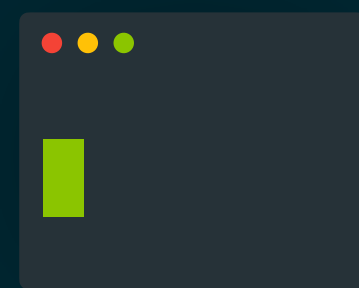




# Command Switch

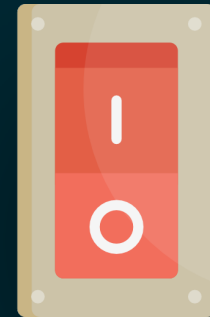
# CLI CLIENT



CLI



Cmd Switch



HTTP Client



Backend API



# COMMANDS



■ ./bin/client create

■ ./bin/client edit

■ ./bin/client fetch

■ ./bin/client delete

■ ./bin/client health

# CREATE



```
■ ./bin/client create  
  --title      string  
  --message    string  
  --duration   time.Duration
```

# EDIT



```
■ ./bin/client edit
  --id          flag.Value
  --title       string
  --message     string
  --duration    time.Duration
```

# FETCH



```
■ ./bin/client fetch  
  --id  flag.Value
```

# DELETE



```
■ ./bin/client delete  
  --id  flag.Value
```

# HEALTH



```
■ ./bin/client health  
  --host    string
```



# []FLAG.VALUE



## ■ idsFlag

```
type Value interface {  
    String() string  
    Set(string) error  
}
```

# OPEN CLOSED PRINCIPLE



- parse **100+ commands**
- **3-10** commands, constantly **change**
- **commands** that use **other commands**
- 1 **file** per **command**

# ELEGANT APPROACH



- map **commands** to **functions** in **1 place**
- command **switch** that **loops** over the **declared commands**
- create each **command** as an **individual function**

# CLIENT RESPONSE



```
{  
  "id": "2020-01-09 13:11:56 +0200",  
  "title": "Some title",  
  "message": "Some message",  
  "duration": 10000000000,  
  "created_at": "2020-01-14T18:08:09.731354+02:00",  
  "modified_at": "2020-01-14T18:08:09.731354+02:00"  
}
```