bobby · 更新于 2022-11-08

上一节 3. 获取参数 5. 表单验证 下一节

1. 输出json和protobuf

新建user.proto文件

代码块

```
syntax = "proto3";
option go_package = ".;proto";

message Teacher {
    string name = 1;
    repeated string course = 2;
}
```

代码块

```
package main

import (
    "github.com/gin-gonic/gin"
    "net/http"
    "start/gin_t/proto"
)

func main() {
    r := gin.Default()
    // gin.H is a shortcut for map[string]interface{}
    r.GET("/someJSON", func(c *gin.Context) {
        c.JSON(http.StatusOK, gin.H{"message": "hey", "status": http.StatusOK})
    })
    r.GET("/moreJSON", func(c *gin.Context) {
        // You also can use a struct
        var msg struct {
            Name    string `json:"user"`
            Message string
            Number  int
        }
        msg.Name = "Lena"
        msg.Message = "hey"
        msg.Number = 123
        // Note that msg.Name becomes "user" in the JSON
        // Will output  :   {"user": "Lena", "Message": "hey", "Number": 123}
        c.JSON(http.StatusOK, msg)
    })

    r.GET("/someProtoBuf", func(c *gin.Context) {
        courses := []string{"python", "django", "go"}
```

```
34              Name: "bobby",
35              Course:  courses,
36          }
37          // Note that data becomes binary data in the response
38          // Will output protoexample.Test protobuf serialized data
39          c.ProtoBuf(http.StatusOK, data)
40      })
41      // Listen and serve on 0.0.0.0:8080
42      r.Run(":8083")
43  }
```

2. PureJSON

通常情况下，JSON会将特殊的HTML字符替换为对应的unicode字符，比如 < 替换为 \u003c ，如果想原样输出html，则使用PureJSON

代码块

```
1   func main() {
2       r := gin.Default()
3
4       // Serves unicode entities
5       r.GET("/json", func(c *gin.Context) {
6           c.JSON(200, gin.H{
7               "html": "<b>Hello, world!</b>",
8           })
9       })
10
11      // Serves literal characters
12      r.GET("/purejson", func(c *gin.Context) {
13          c.PureJSON(200, gin.H{
14              "html": "<b>Hello, world!</b>",
15          })
16      })
17
18      // listen and serve on 0.0.0.0:8080
19      r.Run(":8080")
20  }
```

3. 获取参数 上一节 下一节 5. 表单验证

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