

-UI

GoFrameServerOpenAPIUIredocTry It OutSwaggerUIOpenAPIUI

OpenAPIOpenAPIUIUIGoFrame ServerUI - [gf/example/httpserver/swagger-set-template/main.go at master · gogf/gf \(github.com\)](#)

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UISwaggerUISwaggerUI

- <https://github.com/swagger-api/swagger-ui>
- <https://github.com/swagger-api/swagger-ui/blob/master/docs/usage/installation.md>

main.go

```
package main

import (
    "context"
    "fmt"

    "github.com/gogf/gf/v2/frame/g"
    "github.com/gogf/gf/v2/net/ghttp"
)

// HelloReq hello request
type HelloReq struct {
    g.Meta `path:"/hello" method:"get" sort:"1" `
    Name   string `v:"required" dc:"Your name" `
}

// HelloRes hello response
type HelloRes struct {
    Reply string `dc:"Reply content" `
}

// Hello Controller
type Hello struct{}

// Say function
func (Hello) Say(ctx context.Context, req *HelloReq) (res *HelloRes, err error) {
    g.Log().Debugf(ctx, `receive say: %v`, req)
    res = &HelloRes{
        Reply: fmt.Sprintf(`Hi %s`, req.Name),
    }
    return
}

const (
    MySwaggerUITemplate = `
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1" />
    <meta name="description" content="SwaggerUI"/>
    <title>SwaggerUI</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs
/swagger-ui/5.10.5/swagger-ui.min.css" />
</head>
<body>
<div id="swagger-ui"></div>
    `
)
```

```

<script src="https://cdnjs.cloudflare.com/ajax/libs/swagger-ui/5.10.5
/swagger-ui-bundle.js" crossorigin></script>
<script>
    window.onload = () => {
        window.ui = SwaggerUIBundle({
            url:      '{SwaggerUIDocUrl}',
            dom_id:   '#swagger-ui',
        });
    };
</script>
</body>
</html>
`
)

func main() {
    s := g.Server()
    s.Use(ghttp.MiddlewareHandlerResponse)
    s.Group("/", func(group *ghttp.RouterGroup) {
        group.Bind(
            new(Hello),
        )
    })
    s.SetSwaggerUITemplate(MySwaggerUITemplate)
    s.Run()
}

```

config.yaml

```

server:
  address:      ":8199"
  openapiPath:  "/api.json"
  swaggerPath:  "/swagger"

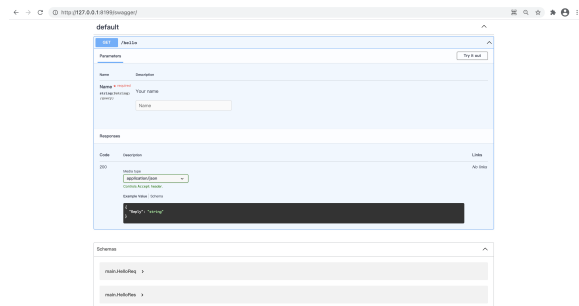
```

HelloSwaggerUIHTMLOpenAPI/api.jsonServerUI

```
2022-05-18 20:41:09.160 [INFO] openapi specification is serving at
address: http://127.0.0.1:8199/api.json
2022-05-18 20:41:09.161 [INFO] pid[57888]: http server started listening
on [:8199]
```

ADDRESS	METHOD	ROUTE	MIDDLEWARE
:8199	ALL	/*	github.com/gogf/gf/v2/net/ghttp. internalMiddlewareServerTracing GLOBAL MIDDLEWARE
:8199	ALL	/api.json	github.com/gogf/gf/v2/net/ghttp.(*Server). openapiSpec
:8199	GET	/hello	main.(*Hello). Say
:8199	GET	/swagger	main.main.func1.

<http://127.0.0.1:8199/swagger/>



UI

UI

swagger-ui

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-
scale=1" />
  <meta name="description" content="SwaggerUI"/>
  <title>SwaggerUI</title>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs
/swagger-ui/5.10.5/swagger-ui.min.css" />
</head>
<body>
<div id="swagger-ui"></div>
<script src="https://cdnjs.cloudflare.com/ajax/libs/swagger-ui/5.10.5
/swagger-ui-bundle.js" crossorigin></script>
<script>
  window.onload = () => {
    window.ui = SwaggerUIBundle({
      url:    '{SwaggerUIDocUrl}',
      dom_id: '#swagger-ui',
    });
  };
</script>
</body>
</html>

```

openapi-ui

```

<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <title>openAPI UI</title>
  </head>
  <body>
    <div id="openapi-ui-container" spec-url="{SwaggerUIDocUrl}" theme="
light"></div>
    <script src="https://cdn.jsdelivr.net/npm/openapi-ui-dist@latest/lib
/openapi-ui.umd.js"></script>
  </body>
</html>

```