

-UI

GoFrameServerOpenAPIUIredocTry It OutSwaggerUIOpenAPIUI

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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>

```
package main

import (
    "context"
    "fmt"

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

const (
    swaggerUIPageContent = `
<!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://unpkg.com/swagger-ui-dist@latest
/swagger-ui.css" />
</head>
<body>
<div id="swagger-ui"></div>
<script src="https://unpkg.com/swagger-ui-dist@latest/swagger-ui-bundle.
js" crossorigin></script>
<script>
    window.onload = () => {
        window.ui = SwaggerUIBundle({
            url:      '/api.json',
            dom_id:   '#swagger-ui',
        });
    };
</script>
</body>
</html>
`
)

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

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

type Hello struct{}

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
    }
}

func main() {
    s := g.Server()
    s.Use(ghttp.MiddlewareHandlerResponse)
    s.Group("/", func(group *ghttp.RouterGroup) {
        group.GET("/swagger", func(r *ghttp.Request) {
            r.Response.Write(swaggerUIPageContent)
        })
        group.Bind(
            new(Hello),
        )
    })
    s.SetOpenApiPath("/api.json")
    s.SetPort(8199)
    s.Run()
}

```

HelloSwaggerUIHTMLOpenAPI/api.jsonServerUI

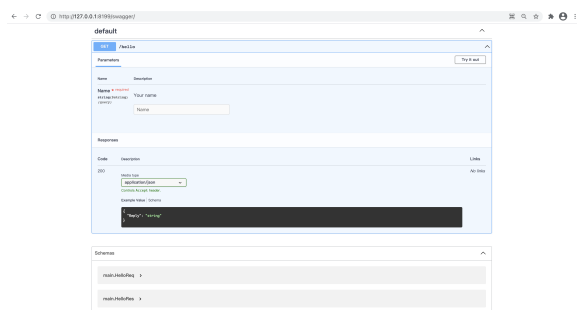
```

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. 1

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



UI



config.yaml swaggerPath: "/swagger"