



链滴

websocket 初尝试之 echo demo

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原文链接: <https://ld246.com/article/1547198110546>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

最近需要做一个消息通知的推送，开始在实践中websocket

server port:9091

```
package main
import (
    "fmt"
    "log"
    "net/http"
    "github.com/gorilla/websocket"
)

var upgrader = websocket.Upgrader{
    CheckOrigin: func(r *http.Request) bool {
        return true
    },
} // use default options

func Echo(w http.ResponseWriter, r *http.Request) {
    c, err := upgrader.Upgrade(w, r, nil)
    if err != nil {
        log.Print("upgrade:", err)
        return
    }
    defer c.Close()
    for {
        mt, message, err := c.ReadMessage()
        if err != nil {
            log.Println("read:", err)
            break
        }
        log.Printf("recv: %s", message)
        err = c.WriteMessage(mt, message)
        if err != nil {
            log.Println("write:", err)
            break
        }
    }
}

func main() {
    http.HandleFunc("/echo", Echo)
    fmt.Println("start server port:9091")
    if err := http.ListenAndServe(":9091", nil); err != nil {
        log.Fatal("ListenAndServe:1234:", err)
    }
}
```

client:

```
<!DOCTYPE html>

<html>

<head>
    <title>websocket</title>
</head>
```

```
<body>
  <h1>Echo Test</h1>
  <input type="text" id="sendTxt">
  <button id="sendBtn">发送</button>
  <div id="recv"></div>

  <script type="text/javascript">
    let ws = new WebSocket("ws://127.0.0.1:9091/echo")
    ws.onopen = function () {
      // body...
      console.log("websocket open");
      document.getElementById('recv').innerHTML = 'Connected';
    }
    ws.onclose = function (e) {
      // body...
      console.log("consoled");
    }

    ws.onmessage=function (e) {
      // body...
      console.log(e.data)
      document.getElementById('recv').innerHTML = e.data;
    }
    document.getElementById('sendBtn').onclick=function(){
      var txt=document.getElementById('sendTxt').value;
      console.log(txt)
      ws.send(txt)
    }
  </script>
</body>
</html>
```