

欢迎大家来到第五阶段课程

《分布式流媒体》实训项目

TNV DAY13

预习课

预习
内容

HTTP服务器 (3)

HTTP服务器 (3)



业务服务类(service_c)

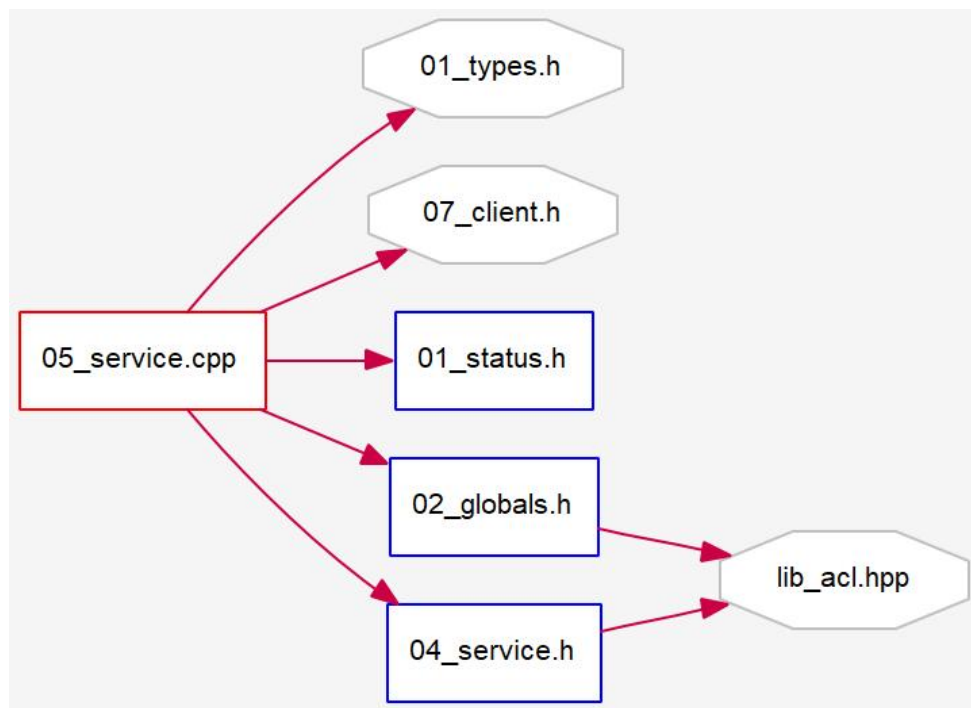
service_c

```
+ doError (req: int & , res: int & ) bool
+ doGet (req: int & , res: int & ) bool
+ doOptions (req: int & , res: int & ) bool
+ doOther (req: int & , res: int & , method: const char *) bool
+ doPost (req: int & , res: int & ) bool
+ service_c (conn: int *, sess: int *) void
+ service_c () void
+ service_c (service_c: const ) void
+ service_c (service_c &&) void
- files (int) bool
```



业务服务类(service_c)的构造函数

- 构造函数: service_c
 - 用构造参数中的套接字流和会话调用基类的构造函数



附录：程序清单



TNV/src/06_http/04_service.h

```
// HTTP服务器
// 声明业务服务类
//
#pragma once

#include <lib_acl.hpp>
//
// 业务服务类
//
class service_c: public acl::HttpServlet {
public:
    service_c(acl::socket_stream* conn, acl::session* sess);

protected:
    bool doGet(acl::HttpServletRequest& req,
```



TNV/src/06_http/04_service.h

```
        acl::HttpServletResponse& res);  
bool doPost(acl::HttpServletRequest& req,  
            acl::HttpServletResponse& res);  
bool doOptions(acl::HttpServletRequest& req,  
               acl::HttpServletResponse& res);  
bool doError(acl::HttpServletRequest& req,  
             acl::HttpServletResponse& res);  
bool doOther(acl::HttpServletRequest& req,  
             acl::HttpServletResponse& res, char const* method);  
  
private:  
    // 处理文件路由  
bool files(acl::HttpServletRequest& req,  
          acl::HttpServletResponse& res);  
};
```



TNV/src/06_http/05_service.cpp

```
// HTTP服务器  
// 实现业务服务类  
//
```

```
#include "01_types.h"  
#include "07_client.h"  
#include "01_status.h"  
#include "02_globals.h"  
#include "04_service.h"
```

```
#define ROUTE_FILES "/files/"  
#define APPID      "tnvideo"  
#define USERID     "tnv001"  
#define FILE_SLICE 1024*1024*8LL
```

```
service_c::service_c(acl::socket_stream* conn, acl::session* sess):  
    HttpServlet(conn, sess) {  
}
```



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