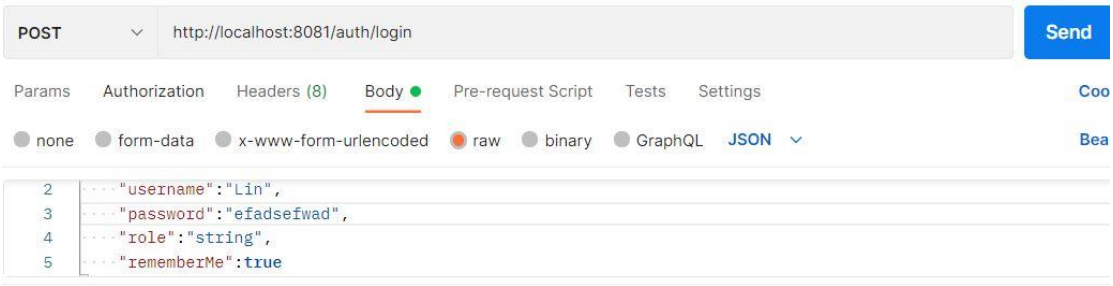
后端接口测试文档

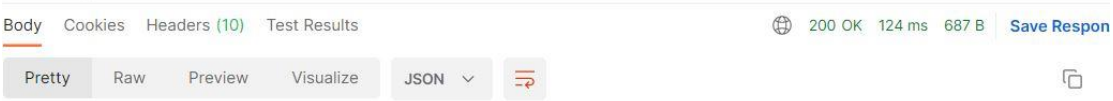
2022 年 5 月 13 日

1、用户认证模块

用户登录

（密码错误）

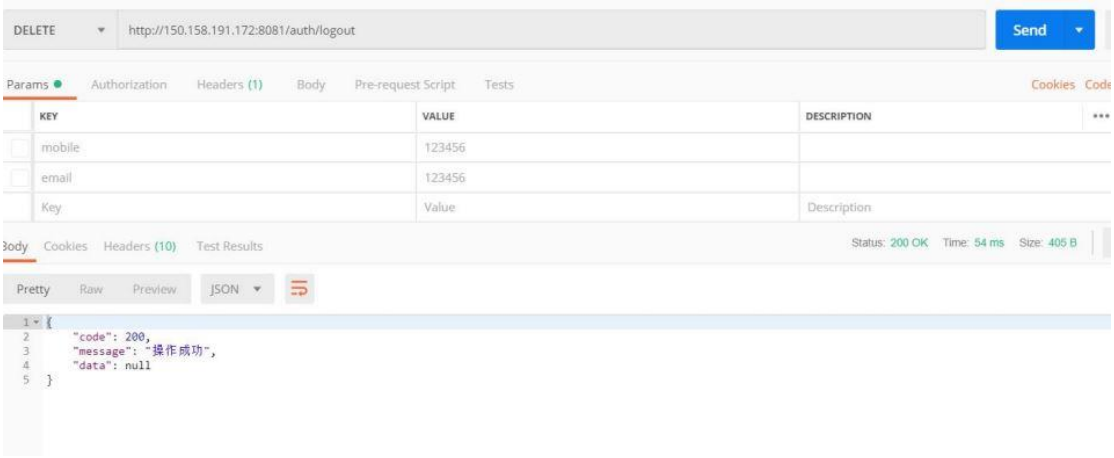




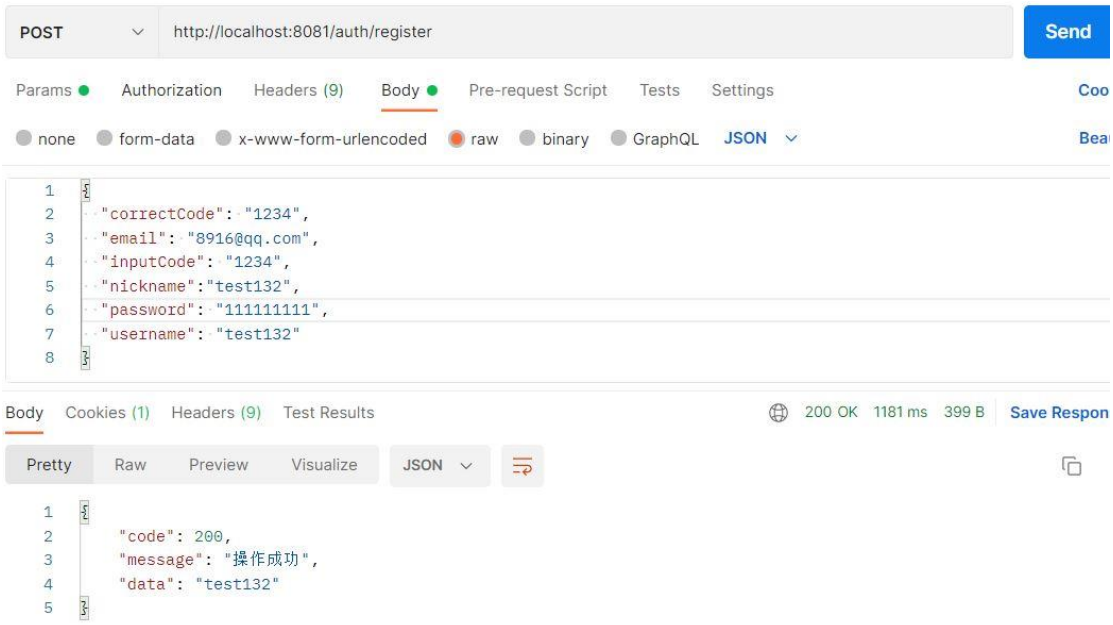

```
{
    "code": 202,
    "message": "密码错误",
    "data": "Realm [com.growing.light.project.domain.user.UserRealm@55daed6a] was unable to find account
        data for the submitted AuthenticationToken [org.apache.shiro.authc.UsernamePasswordToken - Lin,
        rememberMe=true]."
}
```

```
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "id": 7,
        "idToken": "Nw==",
        "username": "Lin",
        "nickname": "Lin",
        "avatar": "http://localhost:8081/default.jpg",
        "age": 18,
        "gender": "暂无",
        "mobile": "暂无",
        "email": "402497081@qq.com",
        "roles": [
            "USER"
        ],
        "token": "eyJhbGciOiJIUzI1NiJ9.eyJqdGkiOiI3Iiwic3ViIjoiTGluIn0.
            vaVk1sZCn1bgVFmNYGDad2Q9fVX78owGwlG6dzhJP9c",
        "info": "暂无"
    }
}
```

用户登出

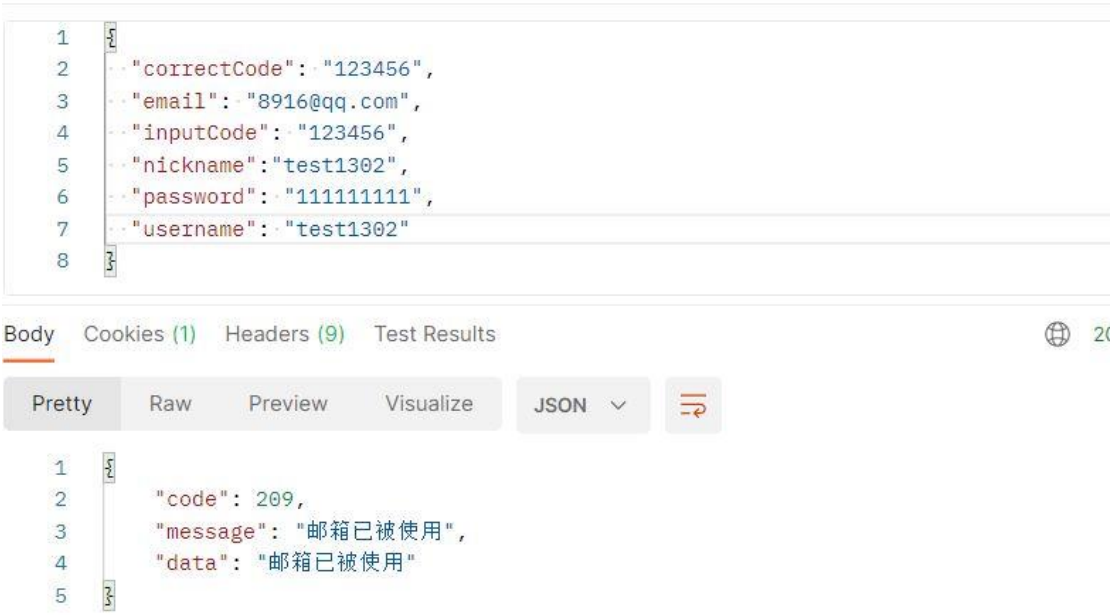


用户注册



用户名被使用

邮箱被使用



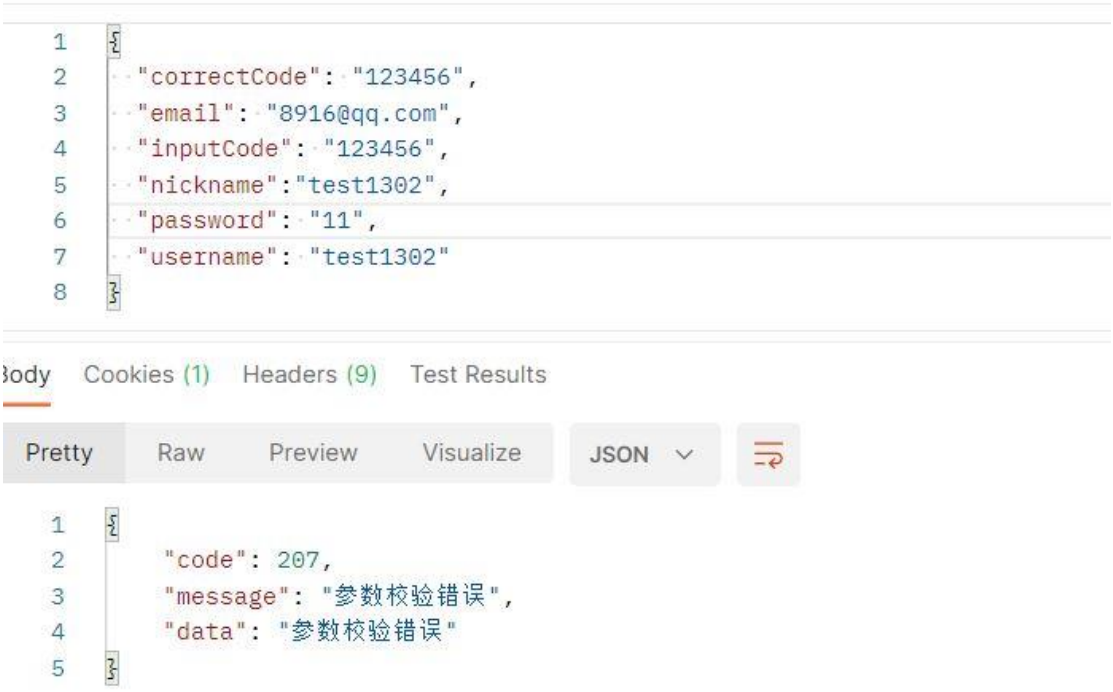
```
{
  "correctCode": "123456",
  "email": "8916@qq.com",
  "inputCode": "123456",
  "nickname":"test1302",
  "password": "111111111",
  "username": "test1302"
}
```

Body Cookies (1) Headers (9) Test Results

Pretty Raw Preview Visualize JSON

```
{
    "code": 209,
    "message": "邮箱已被使用",
    "data": "邮箱已被使用"
}
```

参数校验错误



```
{
  "correctCode": "123456",
  "email": "8916@qq.com",
  "inputCode": "123456",
  "nickname":"test1302",
  "password": "11",
  "username": "test1302"
}
```

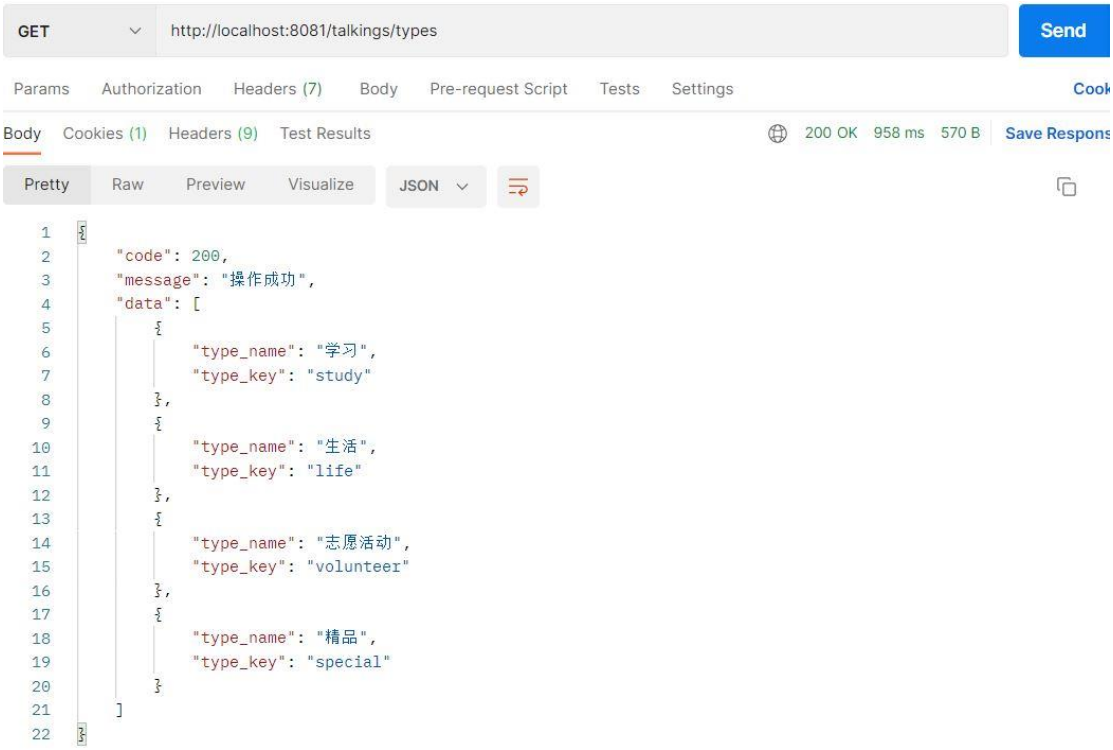
Body Cookies (1) Headers (9) Test Results

Pretty Raw Preview Visualize JSON

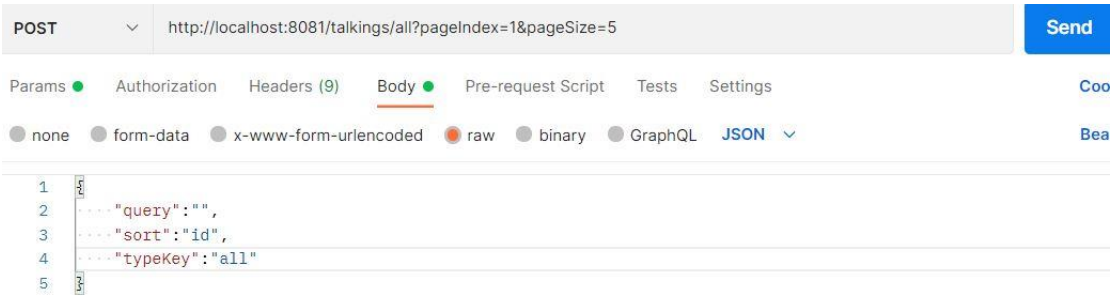
```
{
    "code": 207,
    "message": "参数校验错误",
    "data": "参数校验错误"
}
```

2、讨论模块

获取所有讨论分类

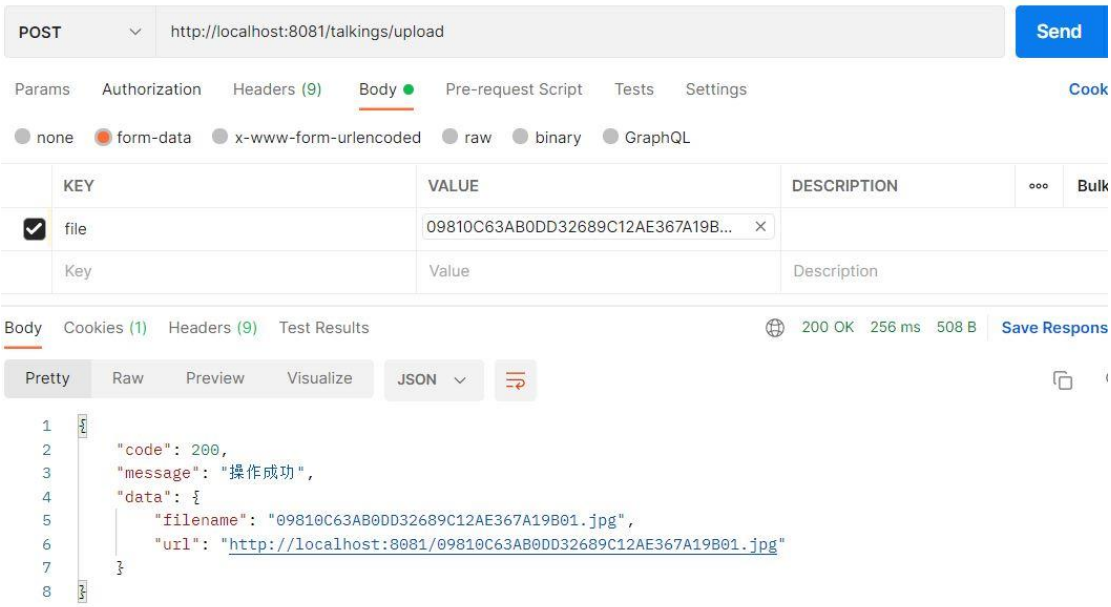


获取所有讨论

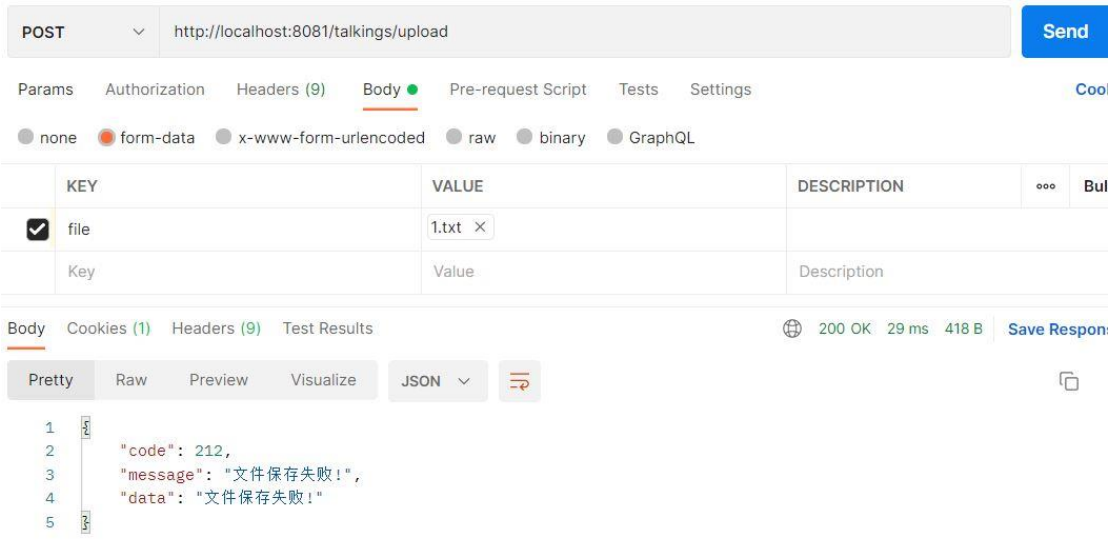


```
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "currentPage": 1,
        "rows": [
            {
                "id": 14,
                "title": "小开Lwx—冠军Ad亦有差距",
                "content": "众所周知，夏季赛开赛以来，ad位置上，韦鲁斯长期处于ban位，偶尔出来放放风，虽然胜率尴尬还是0%，但对于fpx而言，他们依然是不敢给jkl的，按例ban了。其次，月男作为夏季赛的常客，也是lwx拿手ad，fpx依然是害怕jkl拿到也ban了，在此之前，fpx很少ban月男的，甚至是对面来banfpx的月男，但两局游戏jpx毅然决然的ban下越南，对于ad位的差距，fpx的教练团队可能比观众的认知更加清晰。",
                "create_time": "2021-04-14T17:46:21.000+0000",
                "create_time_str": "2021-04-15 01:46:21",
                "from_user": "yzx1428",
                "from_user_nickname": "yzx大神",
                "type": {
                    "type_name": "生活",
                    "type_key": "life"
                },
                "view": 0,
                "commentNum": 0,
                "face": "http://localhost:8081/caa7e09bb4d64fb8b345b58b789d6432.png"
```

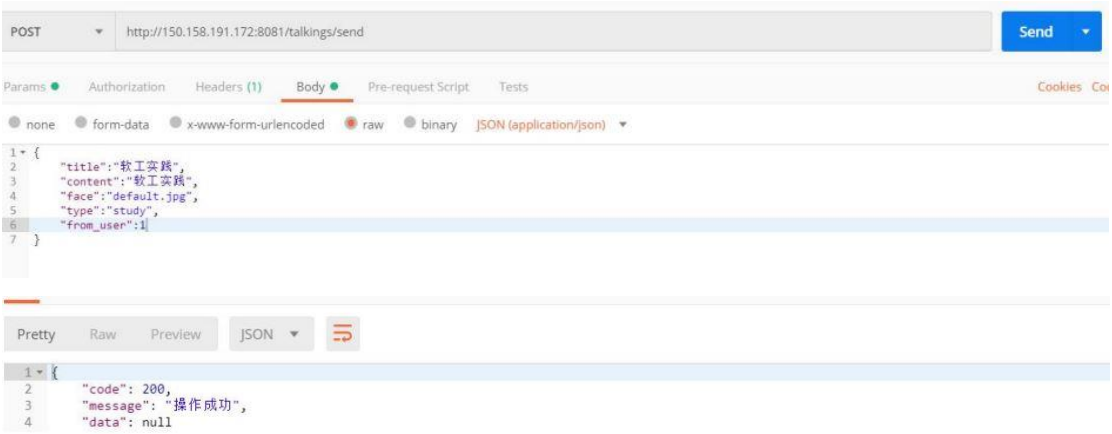

讨论封面图片上传



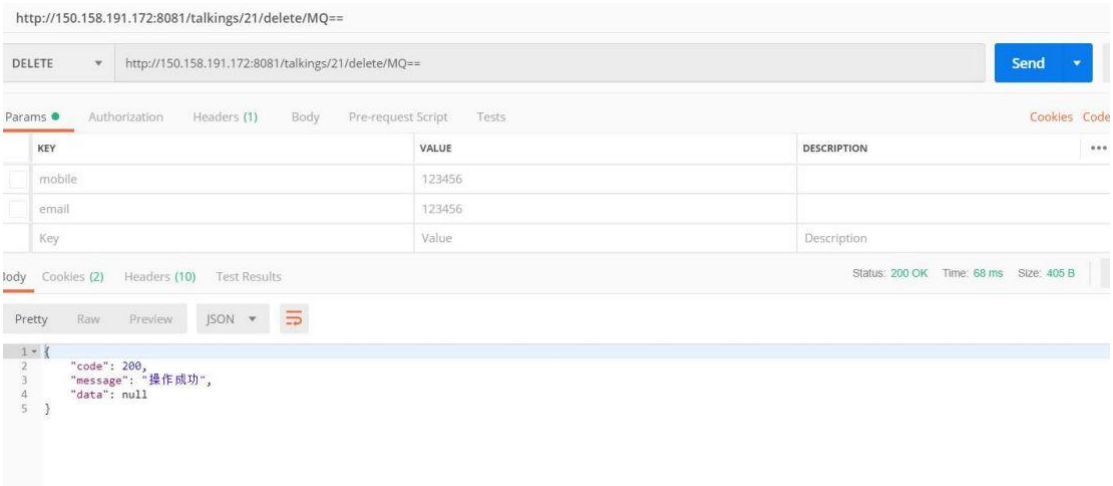
上传非图片文件



添加讨论

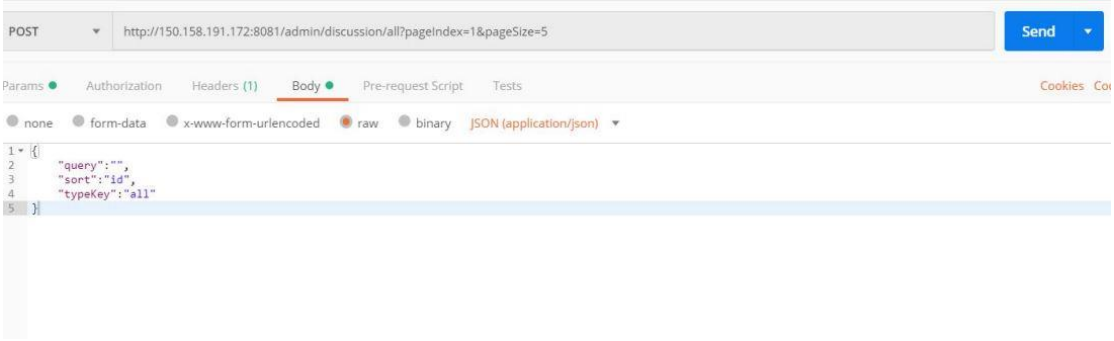


删除讨论

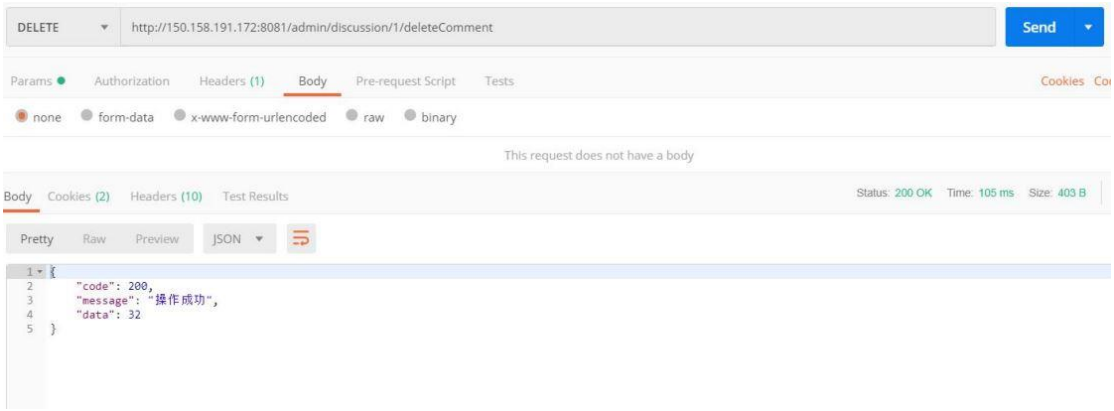


3、管理员讨论管理模块

获得所有讨论项



删除评论



4、讨论详情模块

获取讨论详情信息

GET http://localhost:8081/detail/7?pageIndex=1&pageSize=5 Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookie

Query Params

KEY	VALUE	DESCRIPTION	•••	Bulk Edi

Body Cookies (1) Headers (9) Test Results 200 OK 376 ms 1.29 KB Save Response

Pretty Raw Preview Visualize JSON


```
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "postTotal": 9,
        "data": [
            {
                "id": 7,
                "content": "作为Python生态中应用最广泛的绘图库，Matplotlib用起来非常简单，也很容易上手。不过有些细节想要做得尽善尽美，就需要仔细阅读它的文档了。对于初学者来说，反转坐标轴、绘制双轴（将两个动态范围不同的数据绘制在一张图上，分别使用两个不同的坐标轴）有一定难度，改变坐标轴刻度的样式或内容，更是无从下手。",
                "from_user_name": "yzx1428",
                "from_user_nickname": "yzx大神",
                "from_user_id": 1,
                "from_user_avatar": "http://localhost:8081/default.jpg",
                "publish_time": "2021-04-13T03:40:58.000+0000",
                "replyTotal": 0,
                "replies": []
            }
```


添加评论

POST http://localhost:8081/detail/comment/add Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Coo

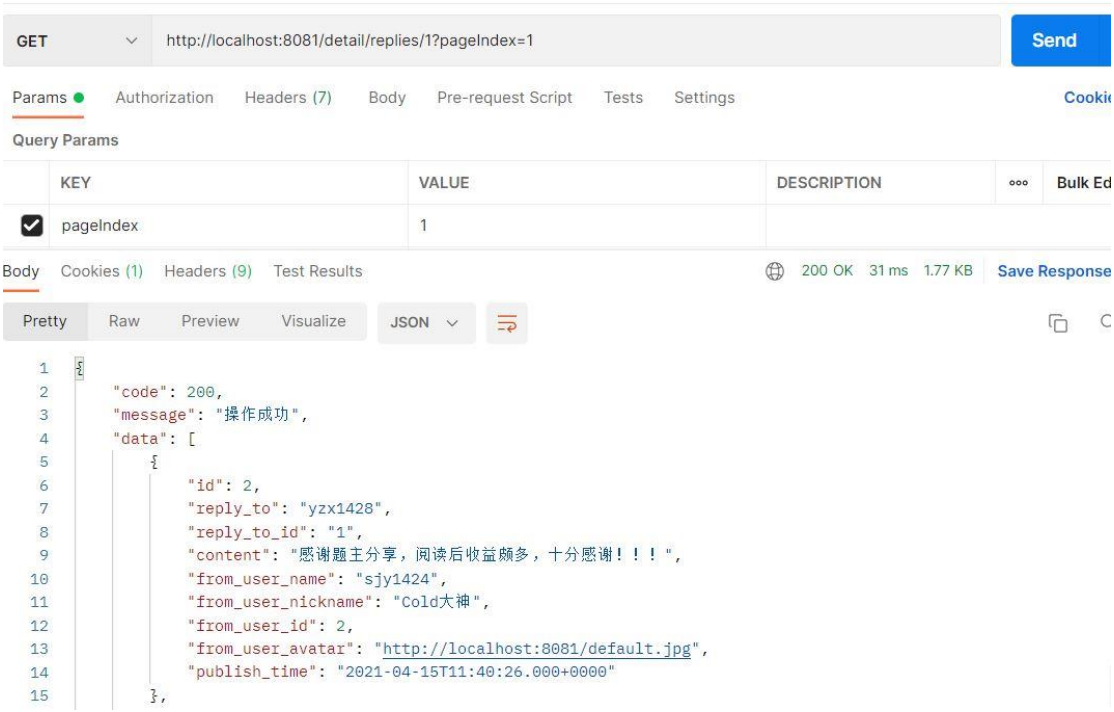
none form-data x-www-form-urlencoded raw binary GraphQL JSON Bea


```
{
    "comment_id":1,
    "content":"string",
    "from_post_id":2,
    "from_user_id":7,
    "id":7,
    "reply_id":0
}
```


Pretty Raw Preview JSON

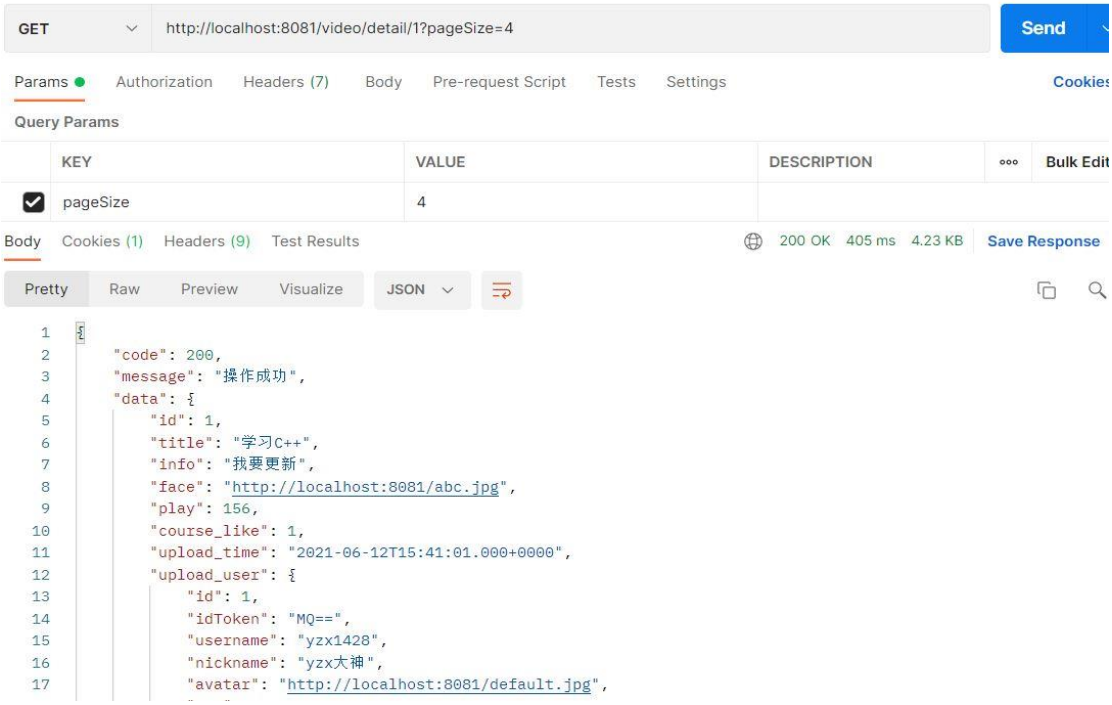

```
{
    "code": 200,
    "message": "操作成功",
    "data": null
}
```

获取某条评论的回复信息

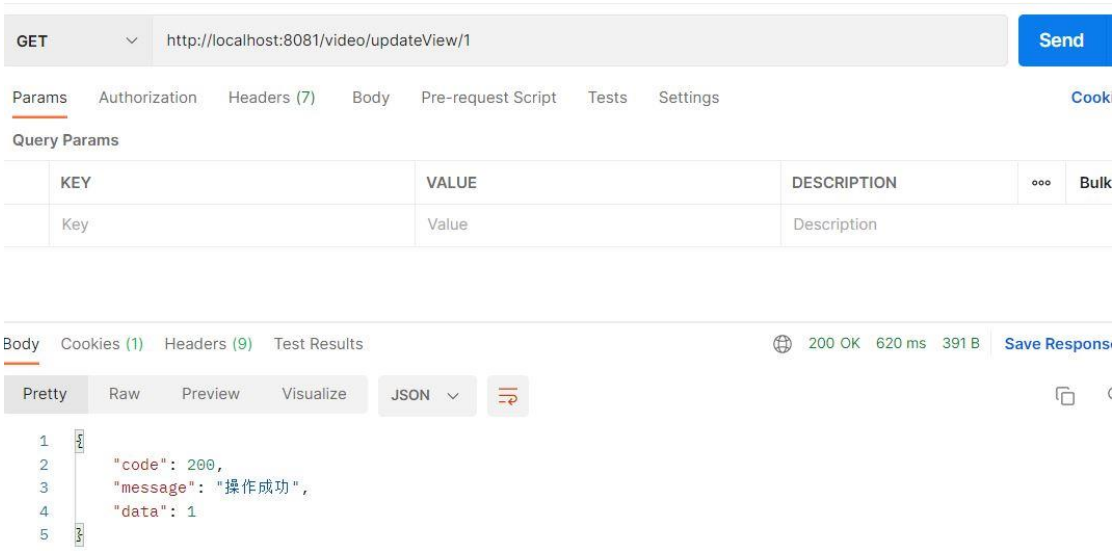


5、课程详情模块

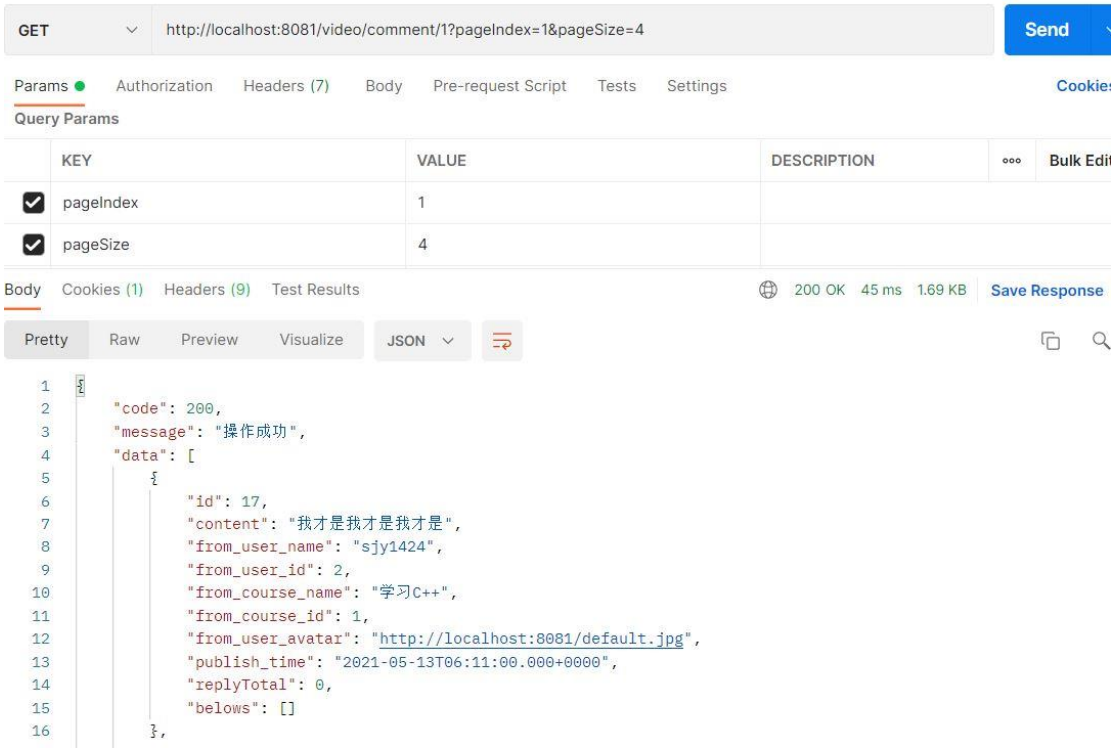
根据 id 获取视频详情



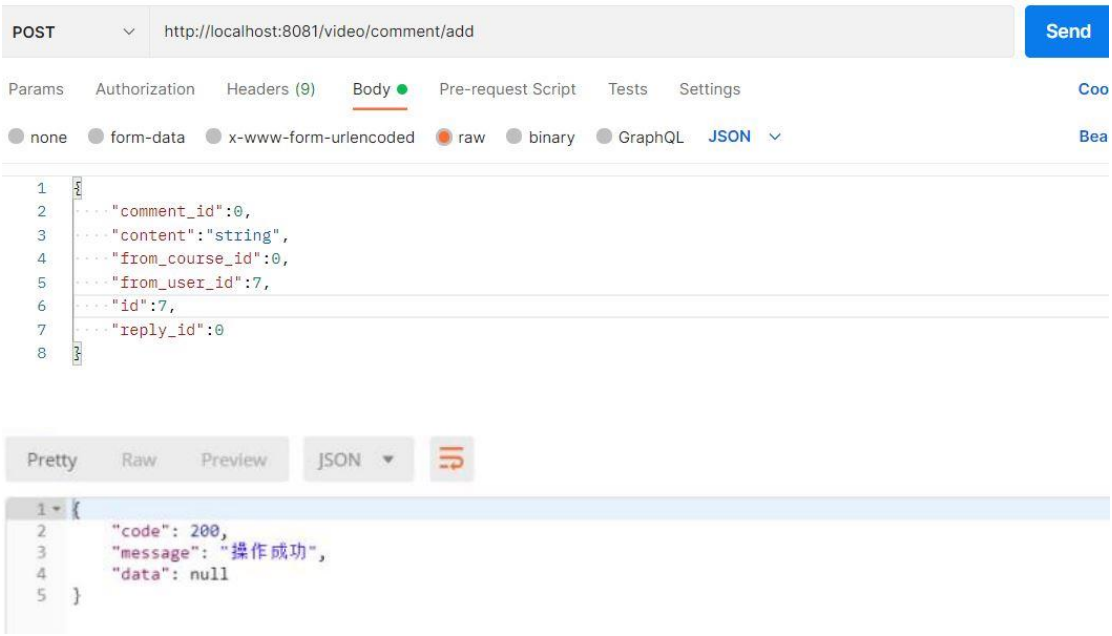
根据 id 增加视频播放



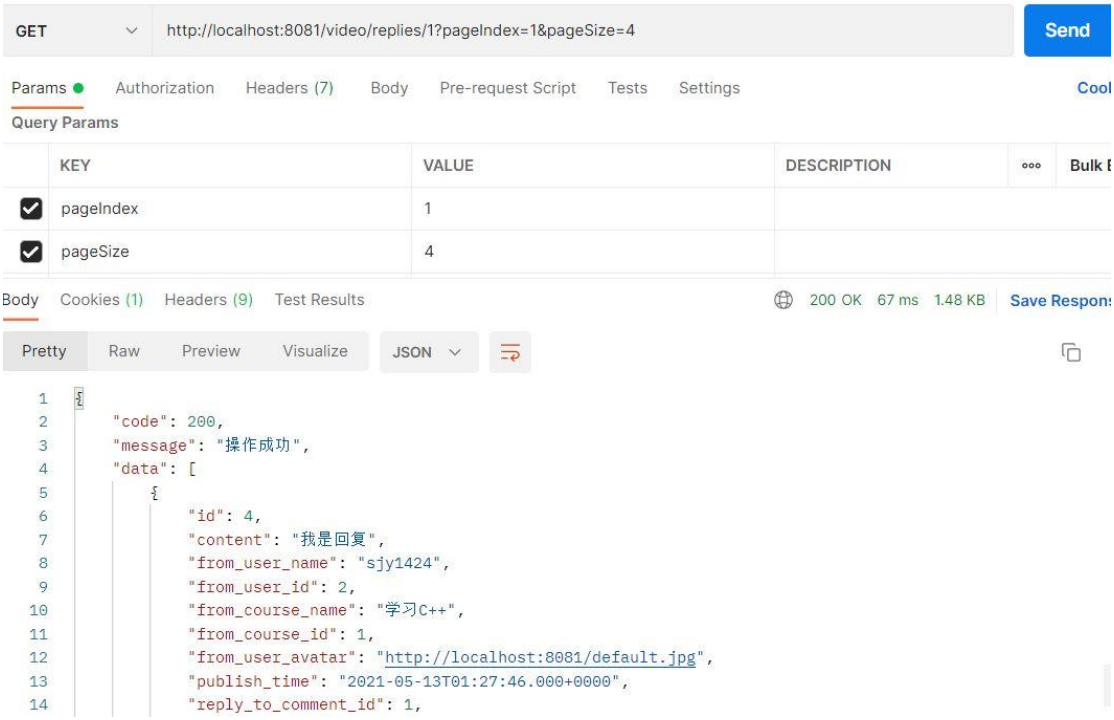
根据页码返回视频详情底下的视频评论



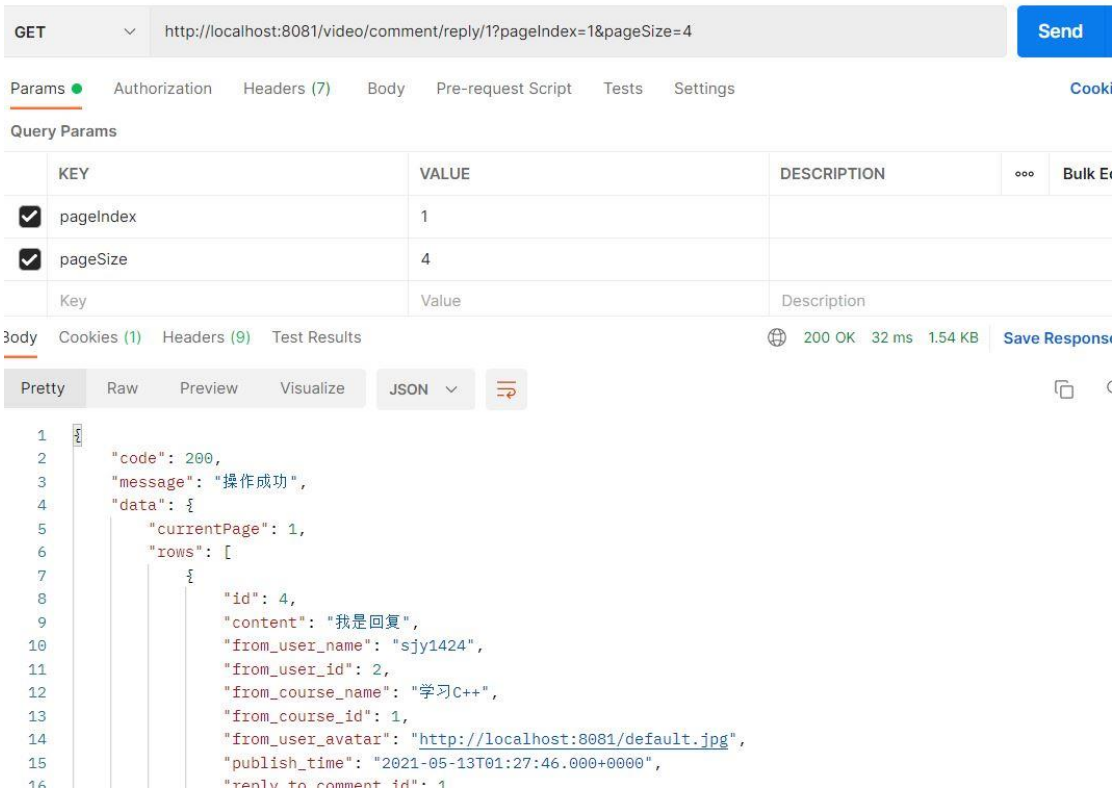
添加视频评论



根据视频评论 id 返回回复评论信息

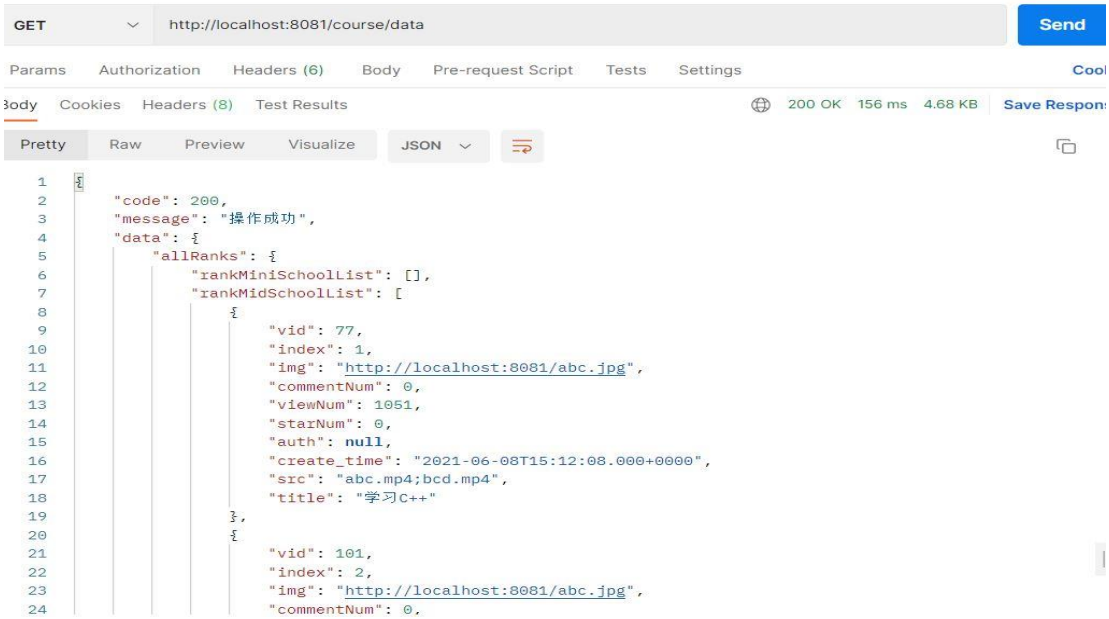


根据页码和页码大小返回某个视频评论的回复



6、视频管理模块

获取首页视频信息



获取视频分类

GET http://localhost:8081/course/types Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cook

Body Cookies Headers (8) Test Results 200 OK 20 ms 435 B Save Respons

Pretty Raw Preview Visualize JSON


```
{
    "code": 200,
    "message": "操作成功",
    "data": [
        {
            "type_name": "小学",
            "type_key": "primary"
        },
        {
            "type_name": "中学",
            "type_key": "junior"
        },
        {
            "type_name": "启蒙",
            "type_key": "Kindergarten"
        }
    ]
}
```


获取首页轮播 url

GET http://localhost:8081/course/carousel Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Coo

Query Params

KEY	VALUE	DESCRIPTION	•••	Bu
Key	Value	Description		

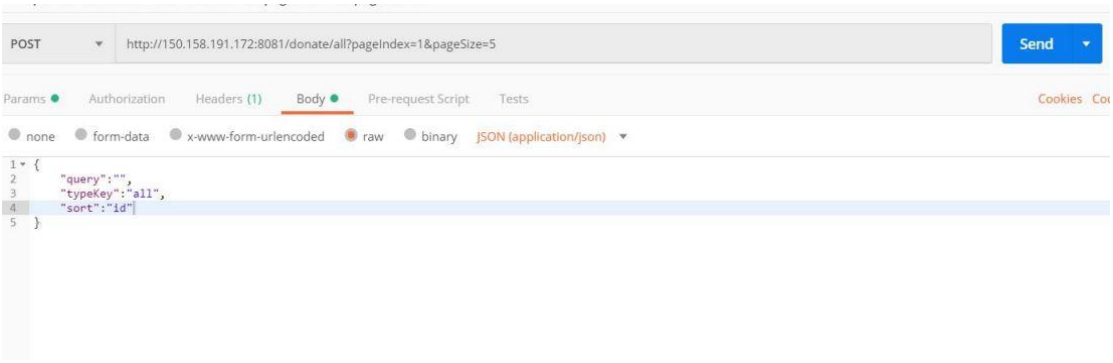
Body Cookies Headers (8) Test Results 200 OK 9 ms 419 B Save Respon

Pretty Raw Preview Visualize JSON


```
{
    "code": 200,
    "message": "操作成功",
    "data": [
        "http://localhost:8081/1.jpg",
        "http://localhost:8081/2.jpg",
        "http://localhost:8081/3.jpg",
        "http://localhost:8081/4.jpg"
    ]
}
```

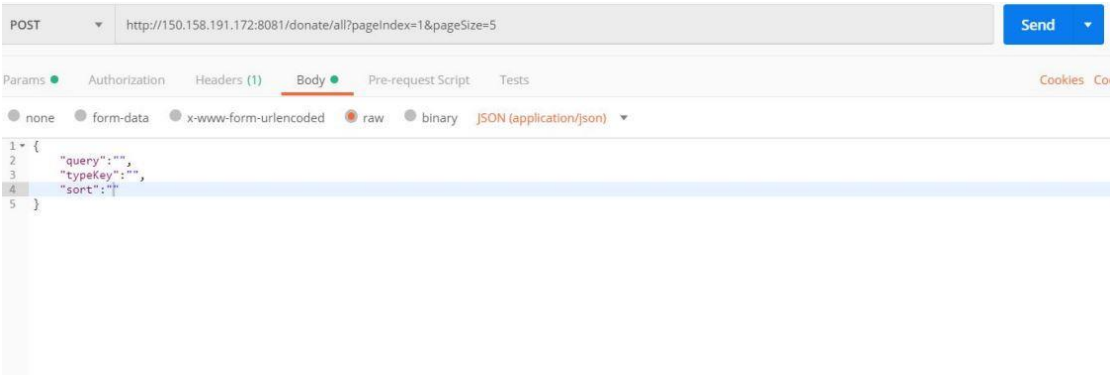
7、捐赠模块

根据条件筛选捐赠活动

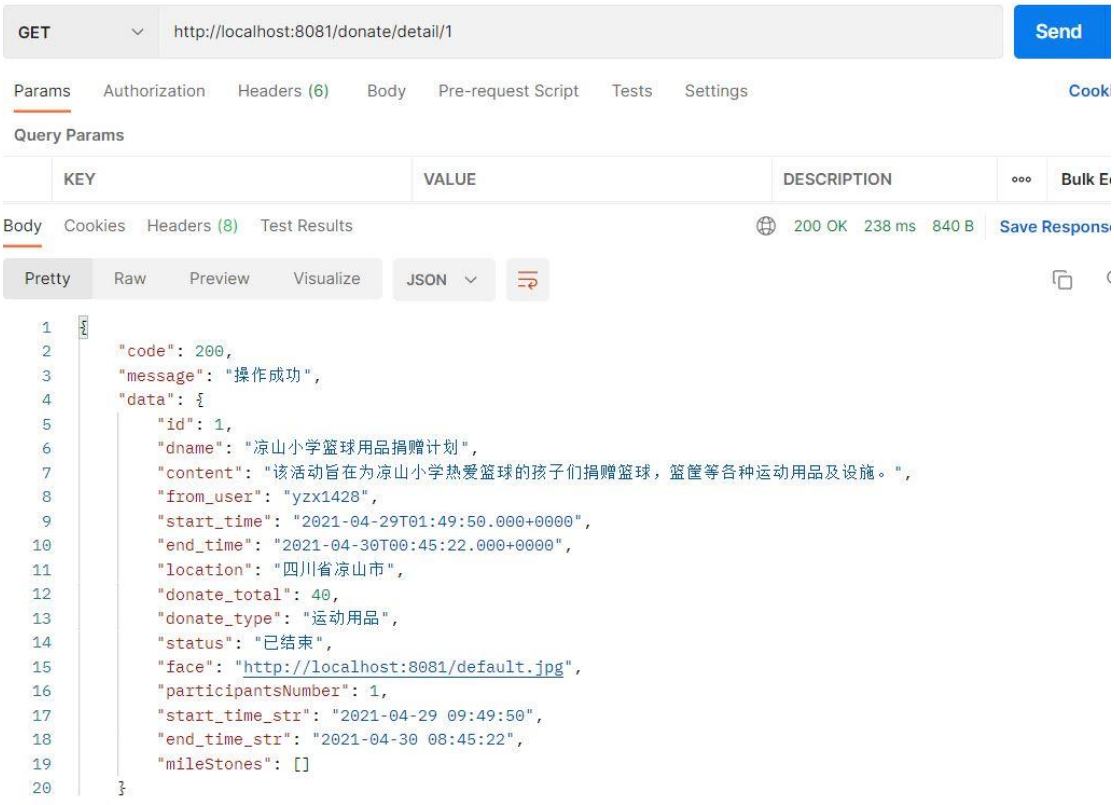



```
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "total": 1,
        "data": [
            {
                "id": 1,
                "dname": "凉山小学篮球用品捐赠计划",
                "content": "该活动旨在为凉山小学热爱篮球的孩子们捐赠篮球，篮筐等各种运动用品及设施。",
                "from_user": "yzx1428",
                "start_time": 1619689790000,
                "end_time": 1619772322000,
                "location": "四川省凉山市",
                "donate_total": 8,
                "donate_type": "运动用品",
                "status": "审核中",
                "face": "http://150.158.191.172:8081/image/default.jpg",
                "participantsNumber": 1,
                "start_time_str": "2021-04-29 17:49:50",
                "end_time_str": "2021-04-30 16:45:22",
                "mileStones": []
            }
        ]
    }
}
```

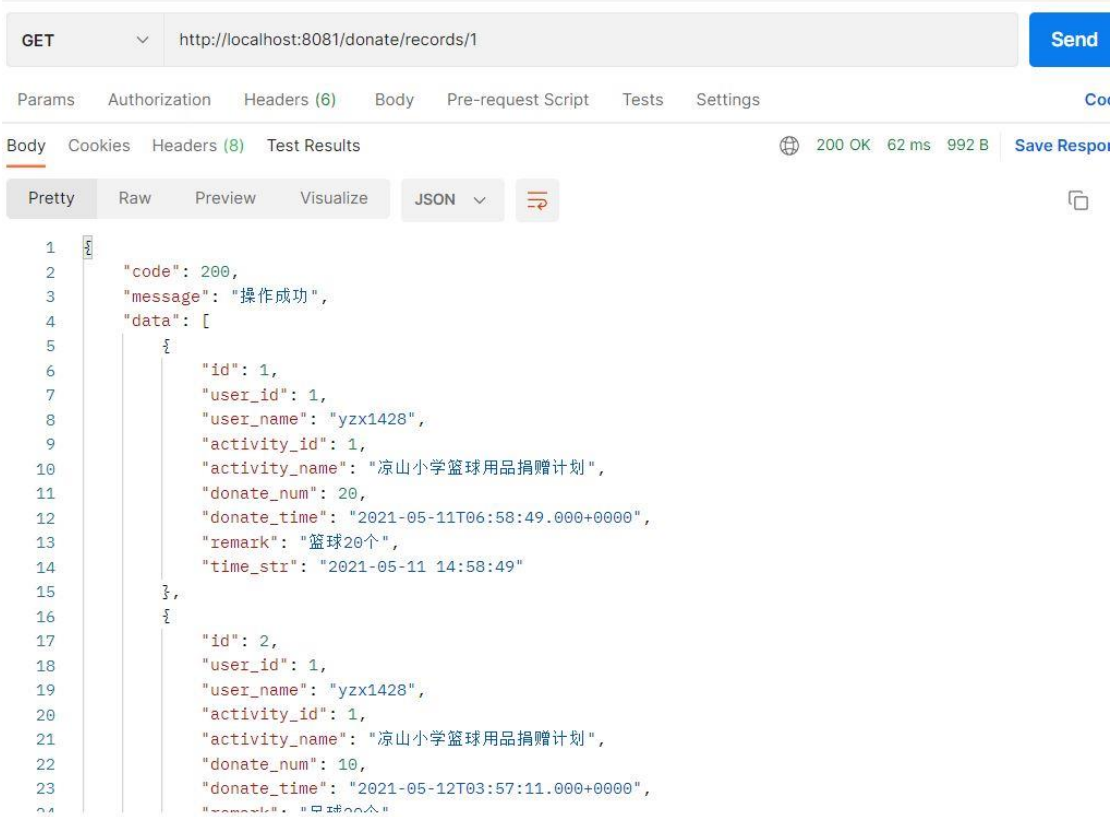

参数为空



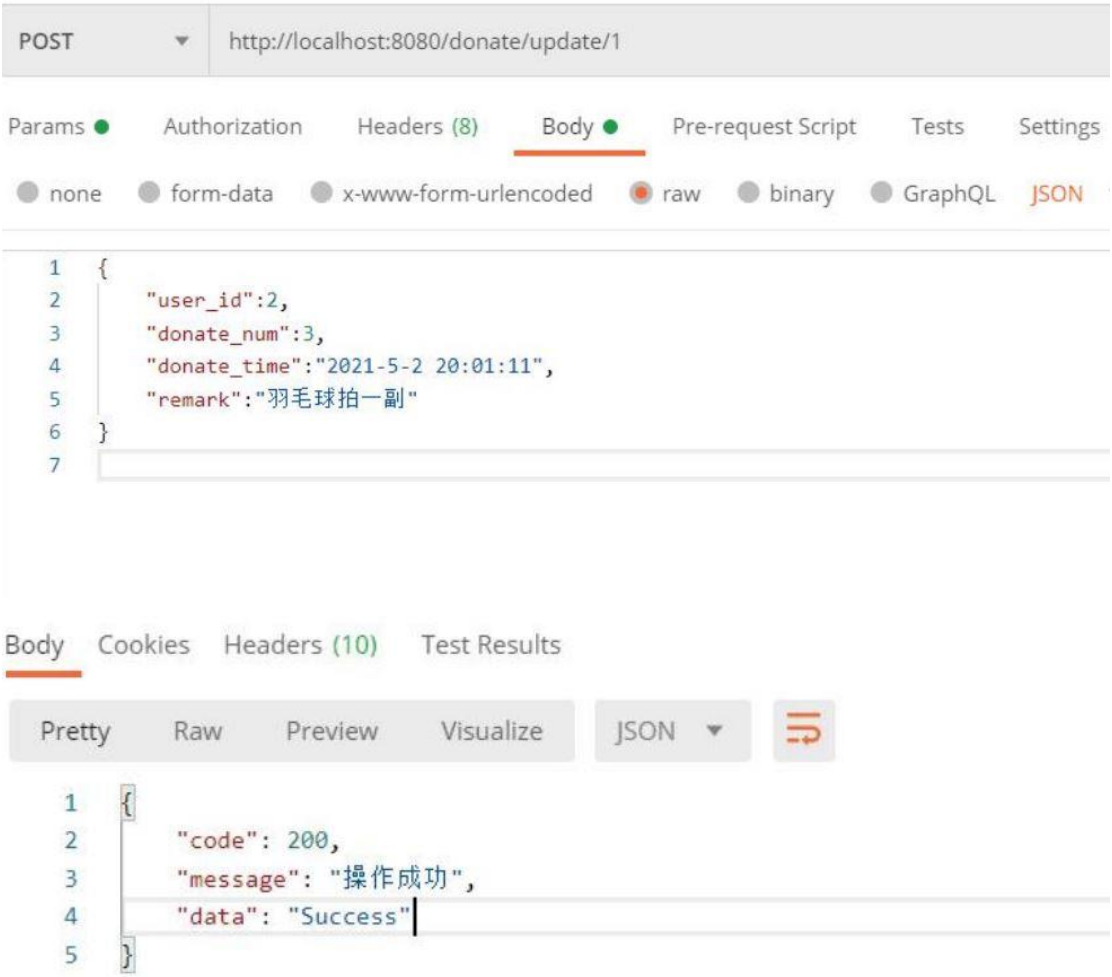
根据 ID 获取活动信息



根据活动 id 获取活动记录

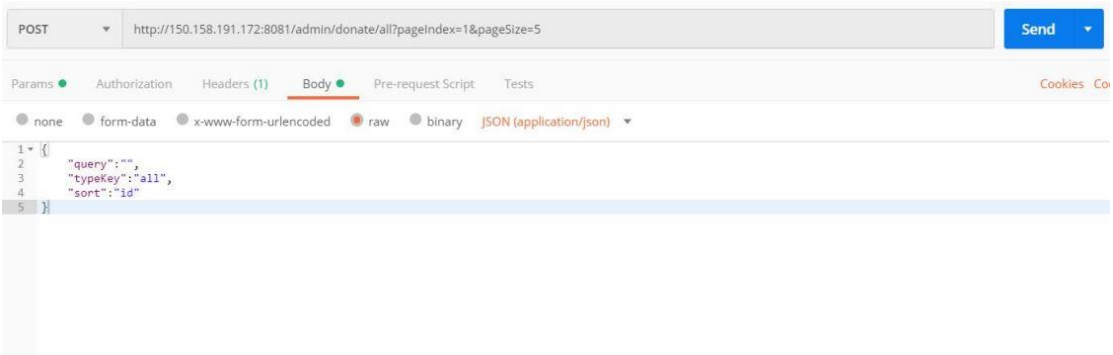


添加捐赠记录



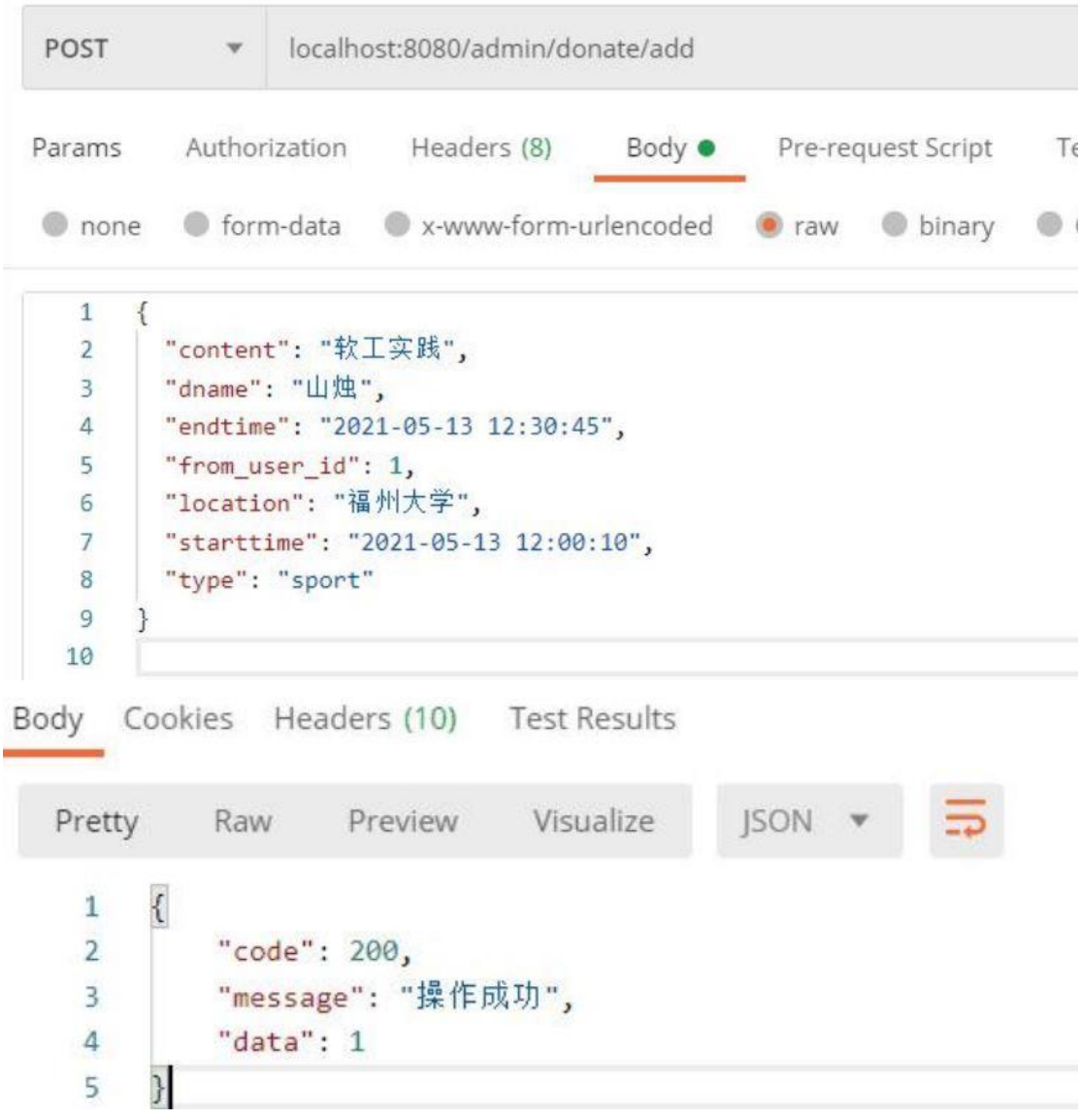
8、捐赠管理模块

按条件获取捐赠活动



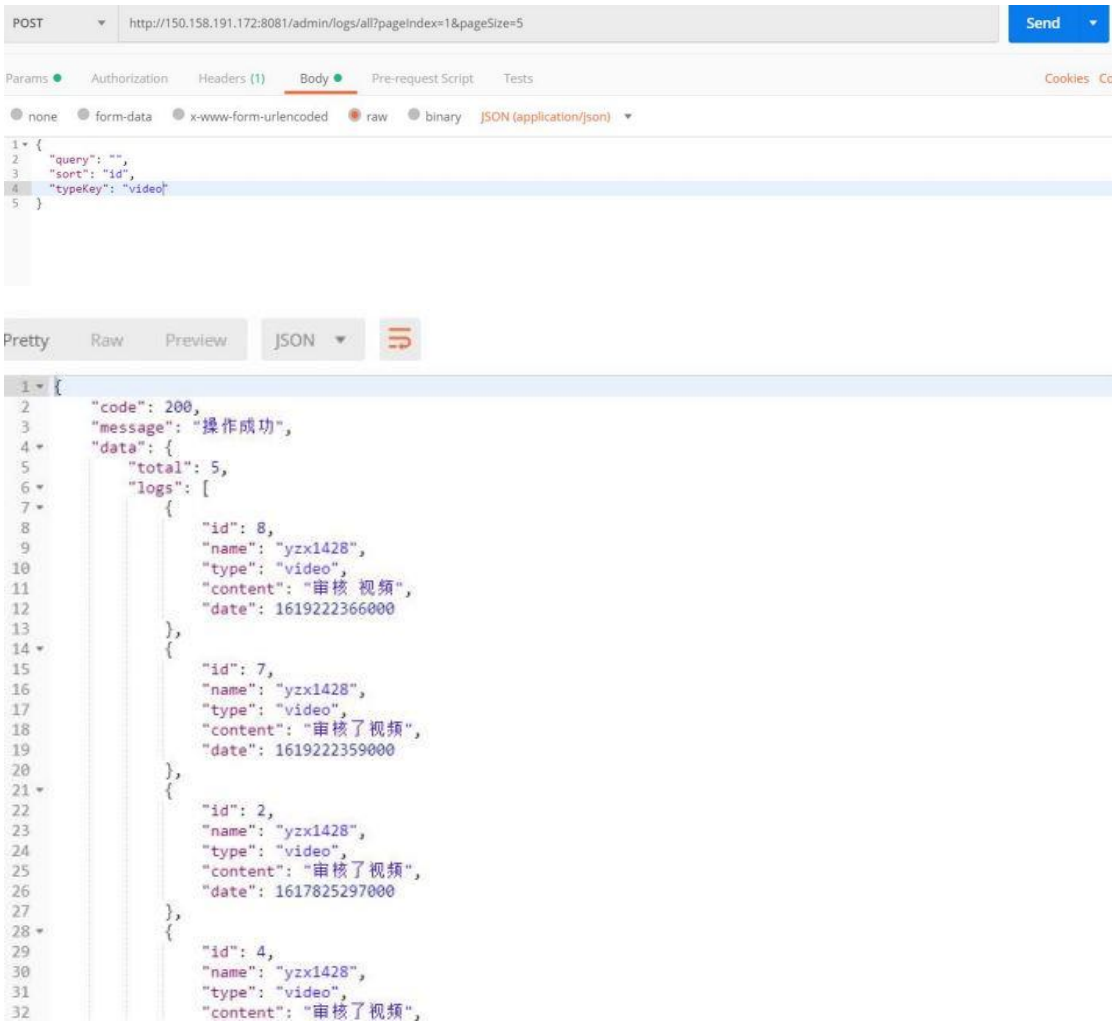
```
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "total": 1,
        "data": [
            {
                "id": 1,
                "dname": "凉山小学篮球用品捐赠计划",
                "content": "该活动旨在为凉山小学热爱篮球的孩子们捐赠篮球，篮筐等各种运动用品及设施。",
                "from_user": "yzx1428",
                "start_time": 1619689790000,
                "end_time": 1619772322000,
                "location": "四川省凉山市",
                "donate_total": 19,
                "donate_type": "运动用品",
                "status": "审核中",
                "face": "http://150.158.191.172:8081/image/default.jpg",
                "participantsNumber": 1,
                "start_time_str": "2021-04-29 17:49:50",
                "end_time_str": "2021-04-30 16:45:22",
                "mileStones": []
            }
        ]
    }
}
```


添加活动

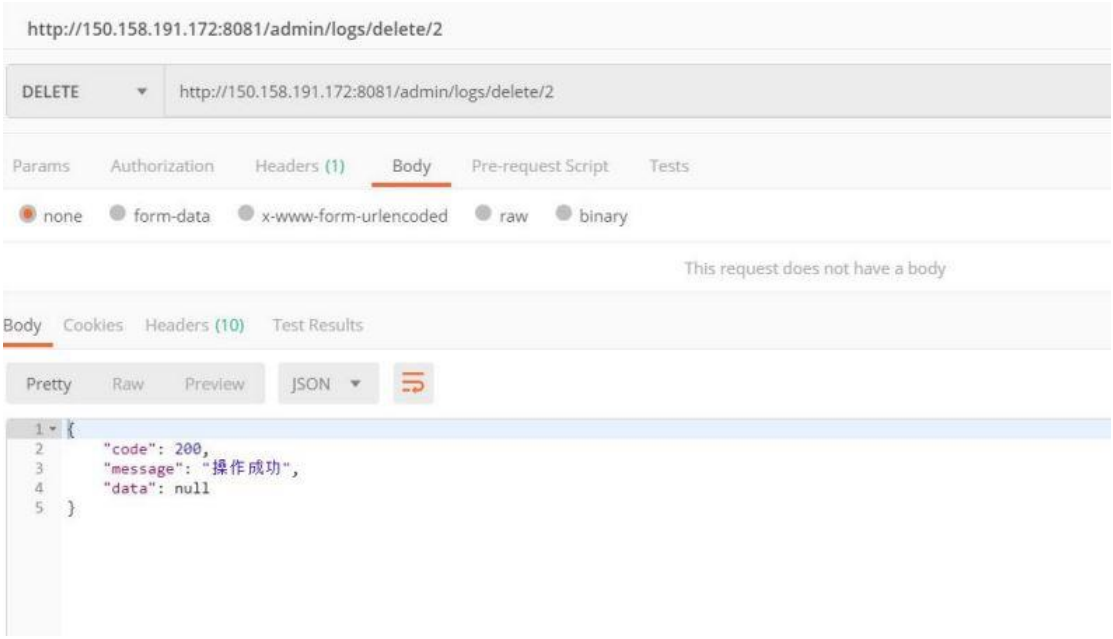


9、管理员日志管理模块

按条件查询日志

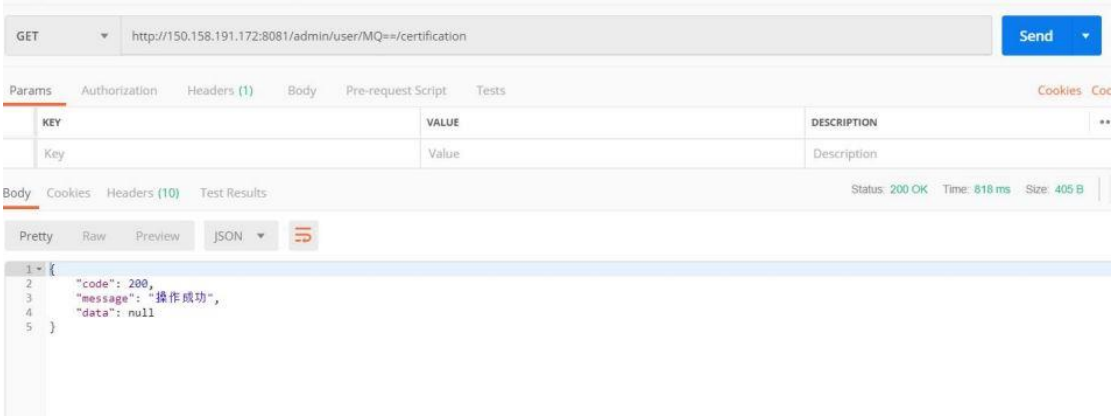


删除某条日志记录

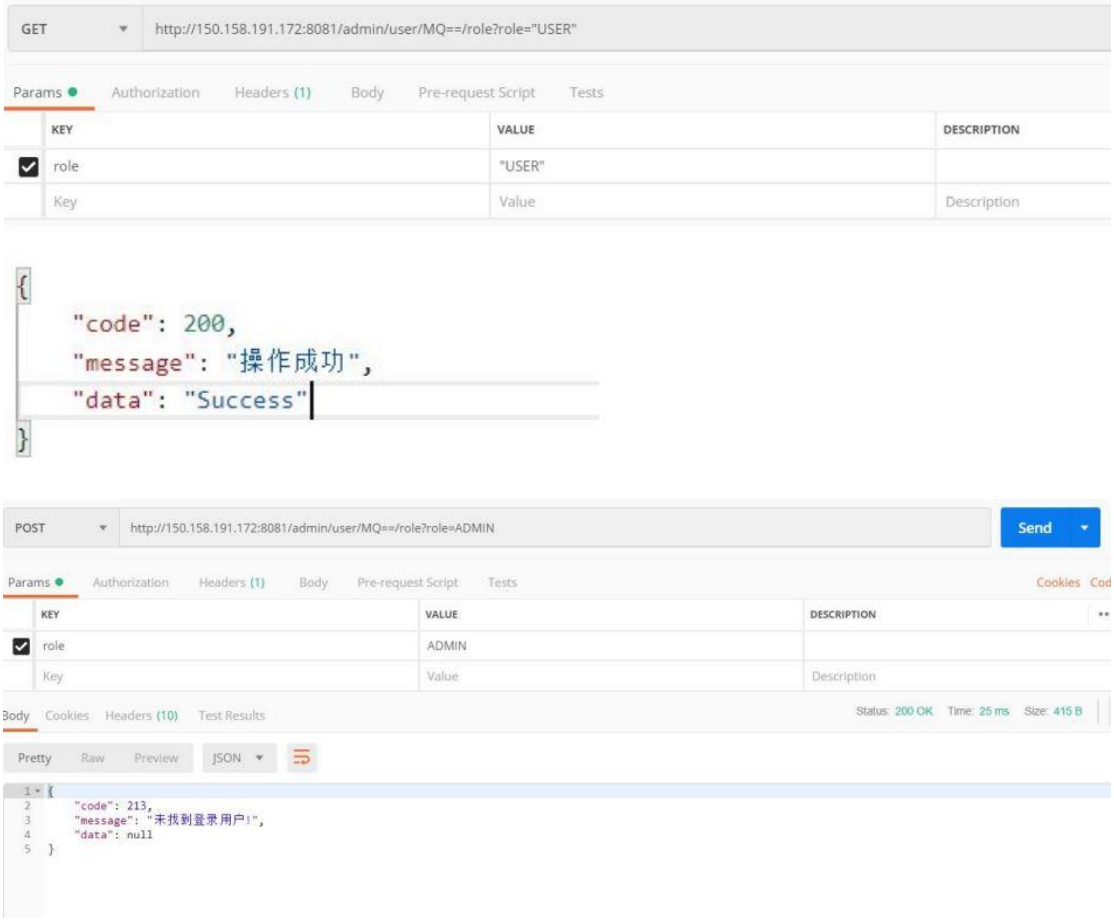


10、管理员用户管理模块

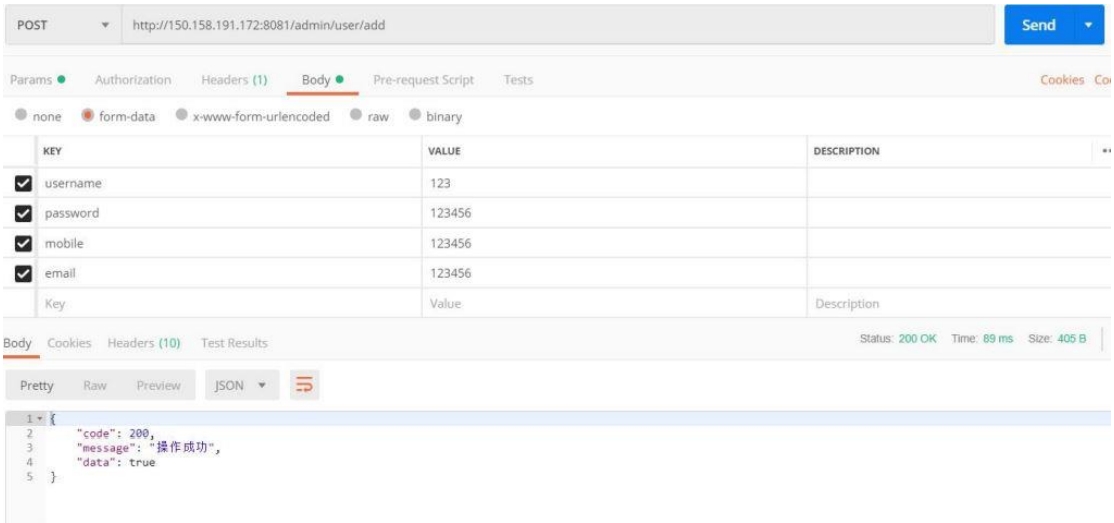
审核志愿者



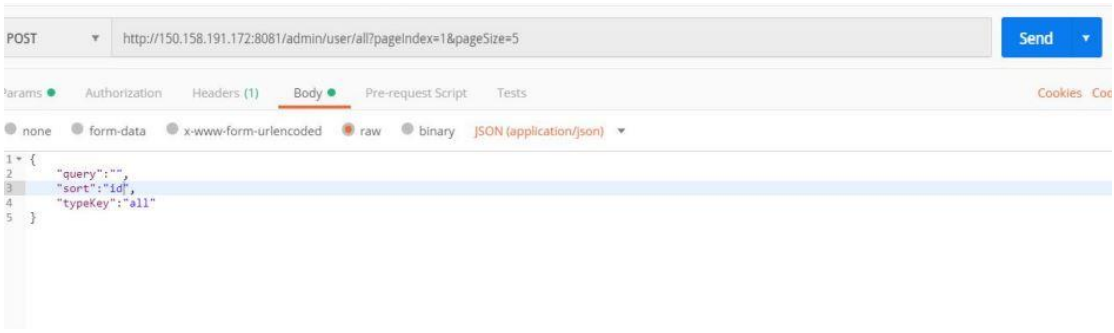
管理员修改用户身份



管理员添加新用户



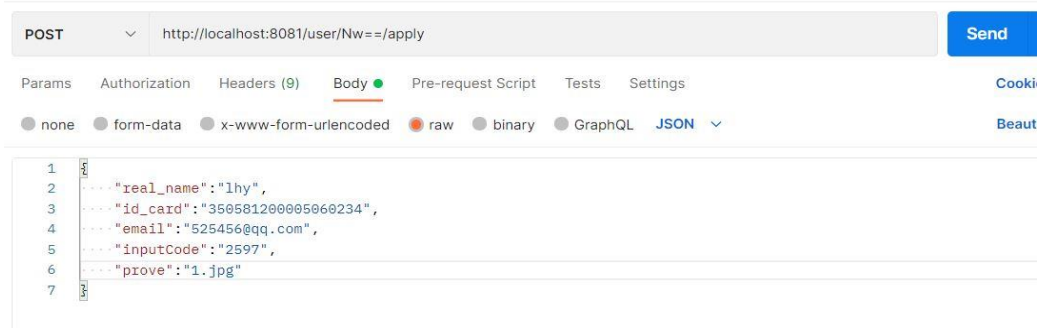
管理员查看所有用户



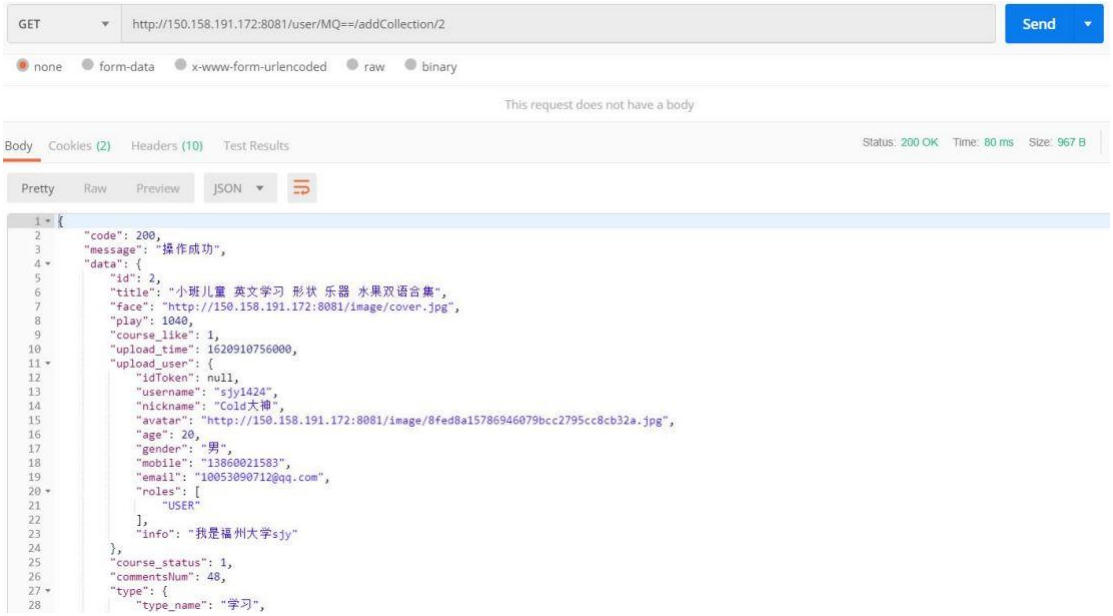

```
{
    "code": 200,
    "message": "操作成功",
    "data": [
        {
            "nickname": null,
            "password": "123456",
            "email": "123456",
            "mobile": "123456",
            "roles": []
        },
        {
            "nickname": "pzy",
            "password": "25d55ad283aa400af464c76d713c07ad",
            "email": "johnliu01@qq.com",
            "mobile": "暂无",
            "roles": [
                "USER"
            ]
        },
        {
            "nickname": null,
            "password": "123456",
            "email": "123456",
            "mobile": "123456",
            "roles": []
        },
        {
            "nickname": "panmou",
            "password": "25d55ad283aa400af464c76d713c07ad",
            "email": "1157928777@qq.com",
            "mobile": "暂无",
```


11、用户模块

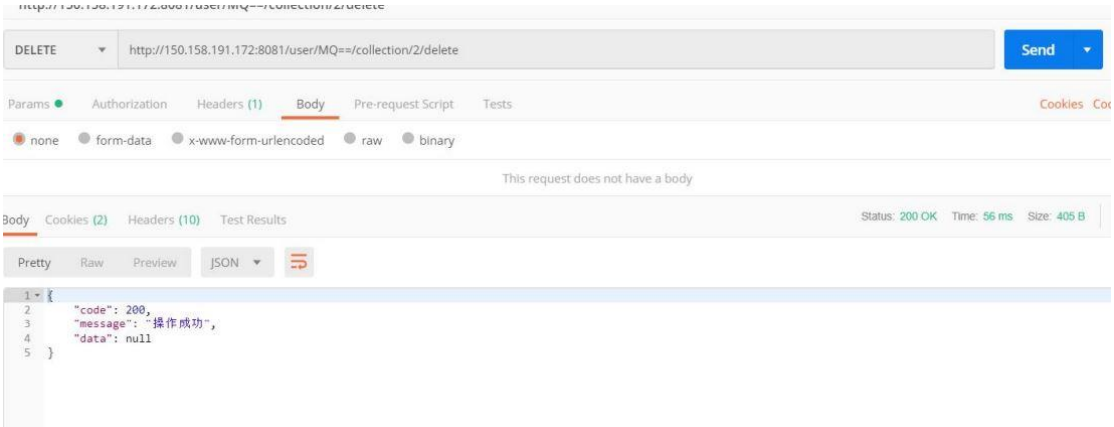
用户申请志愿者



添加用户收藏的视频



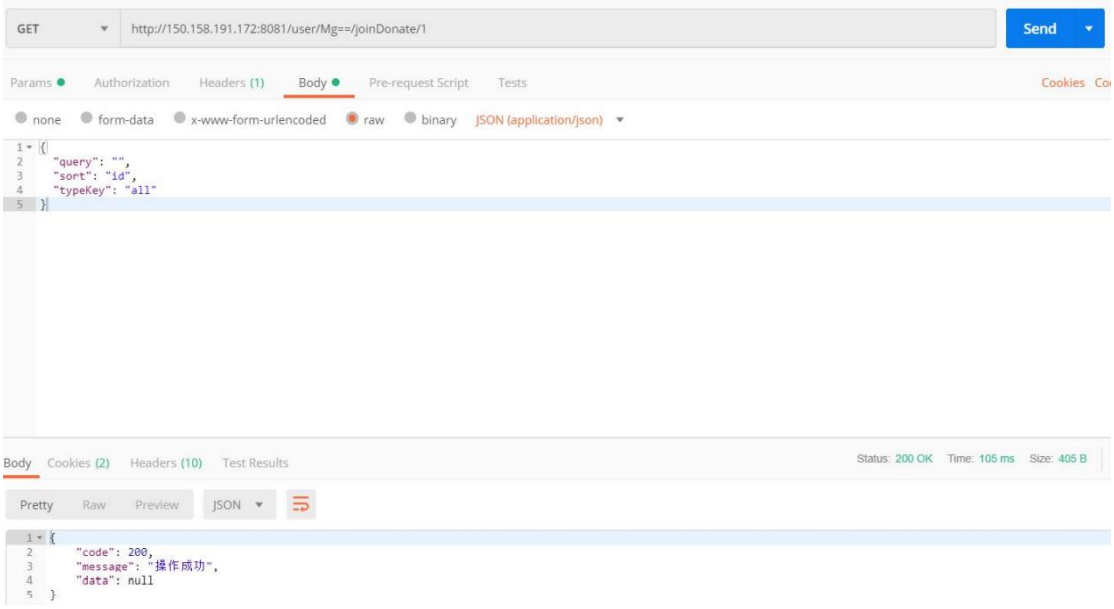
移除用户对视频的收藏



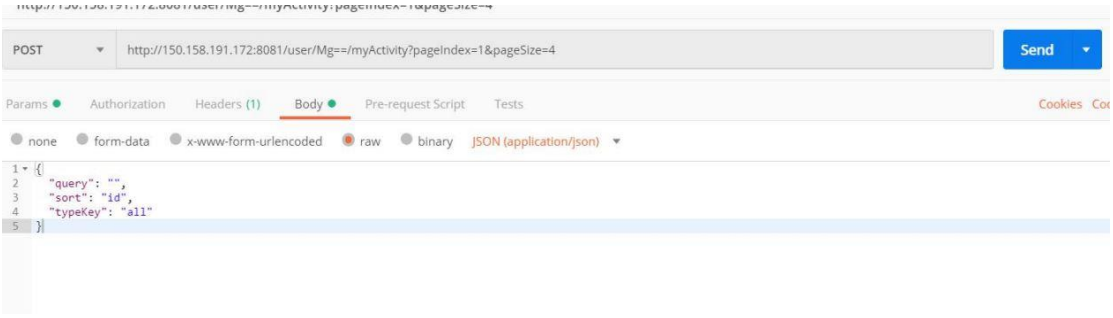
用户发布的所有视频

```
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "currentPage": 1,
        "rows": [
            {
                "id": 106,
                "title": "sjy",
                "face": "http://150.158.191.172:8081/image/3c5dfe77e57741b6885e48222b018e0f.jpg",
                "play": 0,
                "course_like": 0,
                "upload_time": 1620877977000,
                "upload_user": {
                    "idToken": null,
                    "username": "yzx1428",
                    "nickname": "yzx",
                    "avatar": "2b29bd0e5726402db4d736c82aa8cff3.png",
                    "age": 10,
                    "gender": "男",
                    "mobile": "15159961391",
                    "email": "657075151@qq.com",
                    "roles": [
                        "USER",
                        "ADMIN",
                        "VOLUNTEER"
                    ],
                    "info": "我是福州大学2018级的学生yzx"
                },
                "course_status": 0,
                "commentsNum": 0,
                "type": {
                    "type_name": "中学",
                    "type_key": "junior"
                },
```


用户参加捐款活动

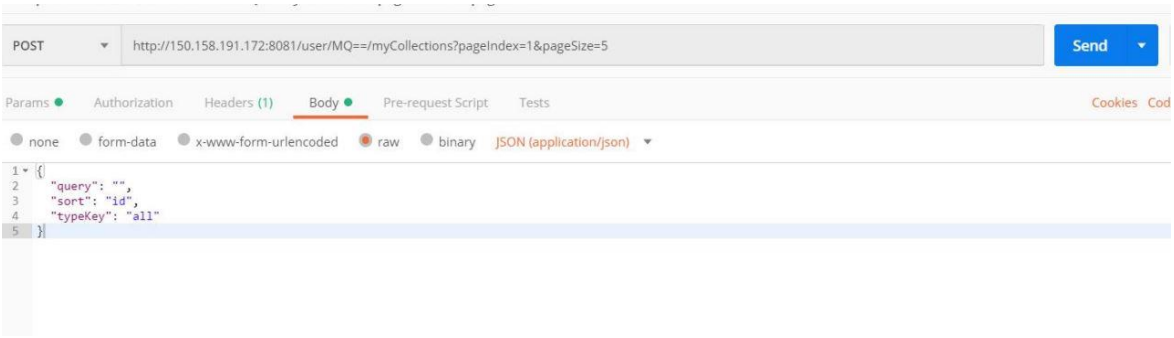


根据筛选条件获取用户参加的所有捐赠活动



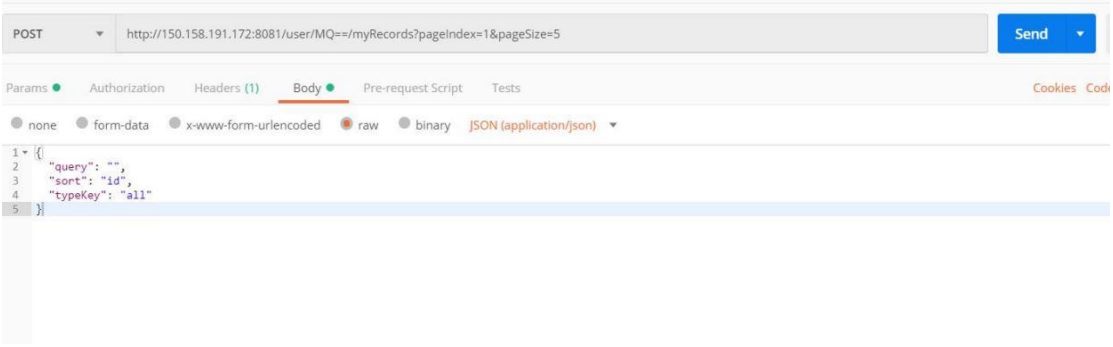

```
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "total": 1,
        "data": [
            {
                "id": 1,
                "dname": "凉山小学篮球用品捐赠计划",
                "content": "该活动旨在为凉山小学热爱篮球的孩子们捐赠篮球，篮筐等各种运动用品及设施。",
                "from_user": "yzx1428",
                "start_time": 1619660990000,
                "end_time": 1619743522000,
                "location": "四川省凉山市",
                "donate_total": 26,
                "donate_type": "运动用品",
                "status": "审核中",
                "face": "http://150.158.191.172:8081/image/default.jpg",
                "participantsNumber": 1,
                "start_time_str": "2021-04-29 09:49:50",
                "end_time_str": "2021-04-30 08:45:22",
                "mileStones": [
                    {
                        "id": 1,
                        "aid": 1,
                        "content": "开始出发",
```


用户收藏的所有视频



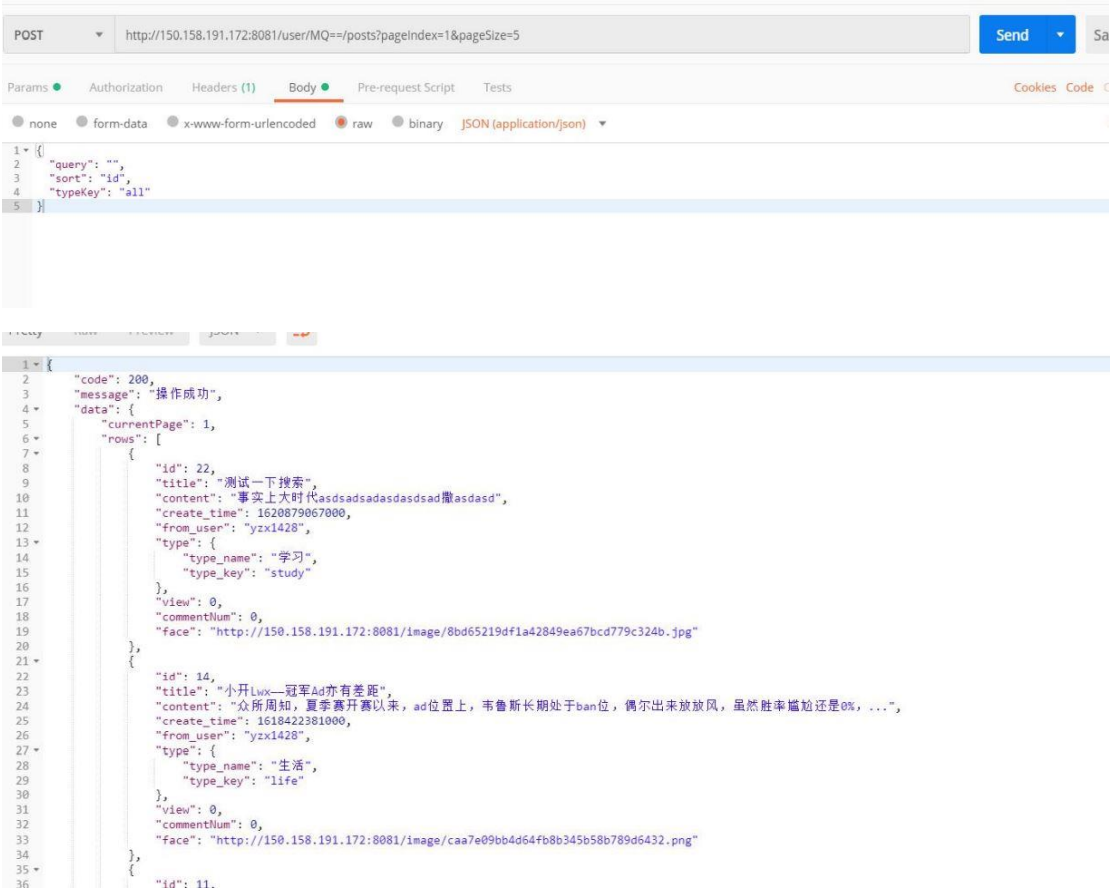
```
Pretty  Raw  Preview  JSON
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "currentPage": 1,
        "rows": [
            {
                "id": 1,
                "title": "Cold教你学Flask",
                "face": "http://150.158.191.172:8081/image/default.jpg",
                "play": 0,
                "course_like": 1,
                "upload_time": 1620906329000,
                "upload_user": {
                    "idToken": null,
                    "username": "yzx1428",
                    "nickname": "yzx",
                    "avatar": "2b29bd0e5726402db4d736c82aa8cff3.png",
                    "age": 10,
                    "gender": "男",
                    "mobile": "15159961391",
                    "email": "657075151@qq.com",
                    "roles": [
                        "USER",
                        "ADMIN",
                        "VOLUNTEER"
                    ],
                    "info": "我是福州大学2018级的学生yzx"
                },
                "course_status": 1,
                "commentsNum": 60,
                "type": {
                    "type_name": "小学",
                    "type_key": "primary"
                },
```


用户所有的捐款记录

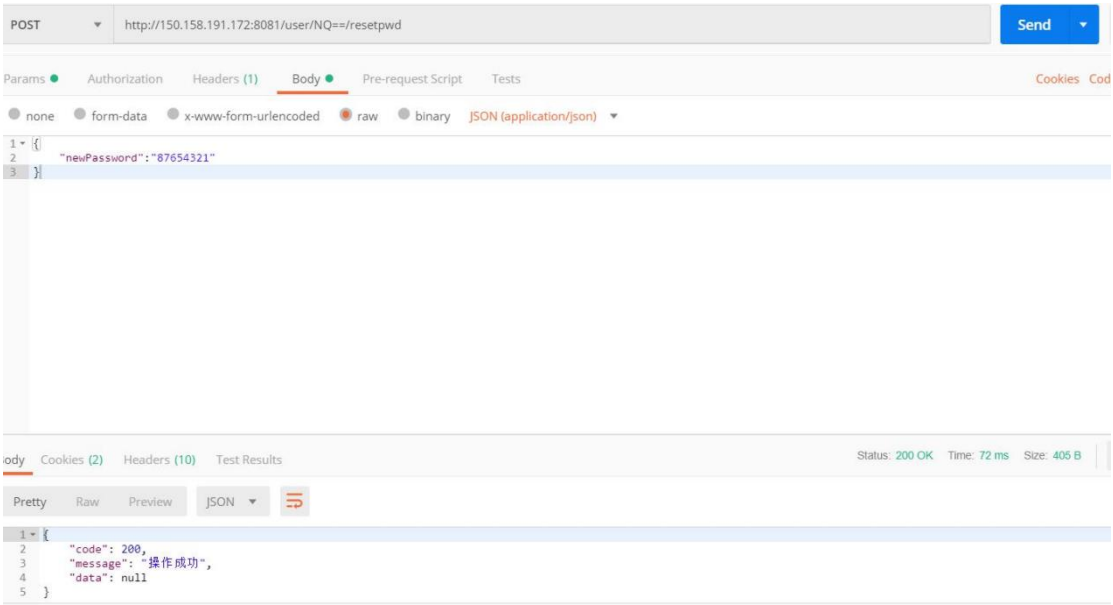



```
Pretty  Raw  Preview  JSON
{
    "code": 200,
    "message": "操作成功",
    "data": {
        "currentPage": 1,
        "rows": [
            {
                "id": 27,
                "user_id": 1,
                "user_name": "yzx1428",
                "activity_id": 27,
                "activity_name": "楠木小学排球用具捐赠计划",
                "donate_num": 5459,
                "donate_time": 1617477264000,
                "remark": "奶粉5459罐",
                "time_str": "2021-04-04 03:14:24"
            },
            {
                "id": 26,
                "user_id": 1,
                "user_name": "yzx1428",
                "activity_id": 26,
                "activity_name": "于陈小学足球用具捐赠计划",
                "donate_num": 1480,
                "donate_time": 1618082501000,
                "remark": "口罩1480个",
                "time_str": "2021-04-11 03:21:41"
            },
            {
                "id": 25,
                "user_id": 1,
                "user_name": "yzx1428",
                "activity_id": 25,
                "activity_name": "石皮小学篮球用具捐赠计划",
                "donate_num": 631
```

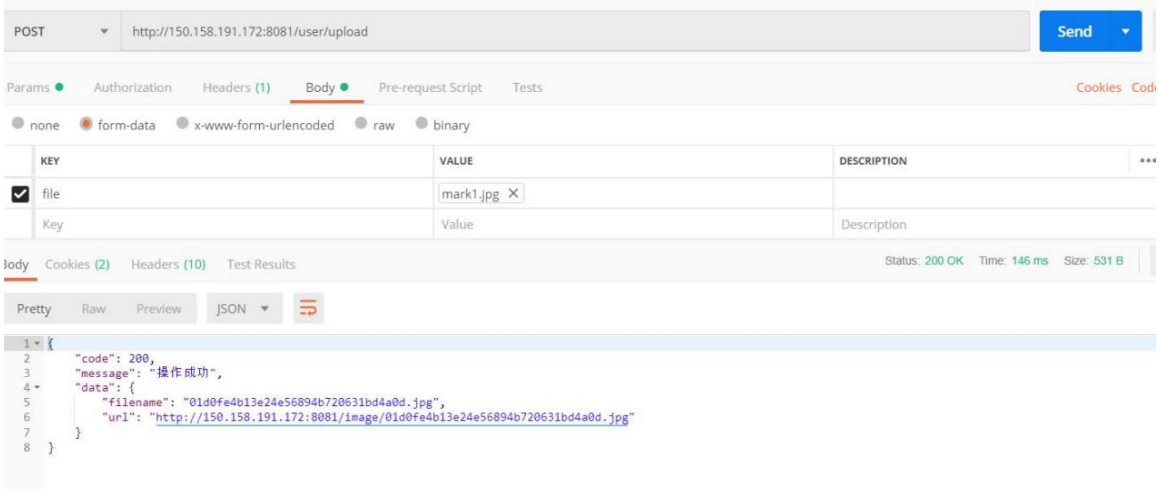
用户发布的所有帖子



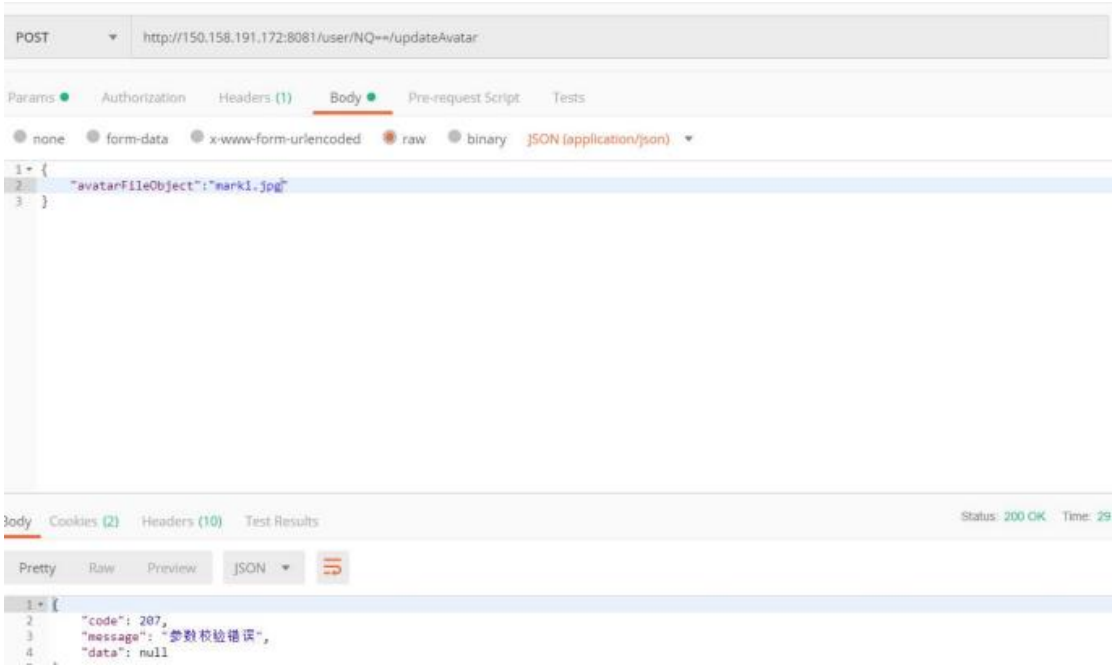
用户修改密码



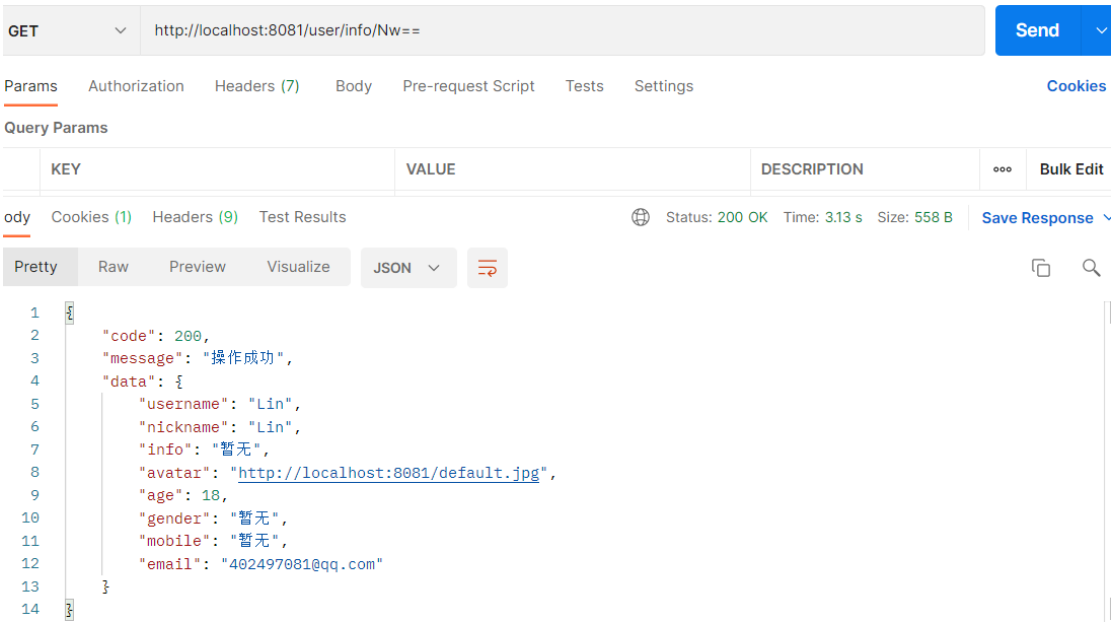
用户修改头像



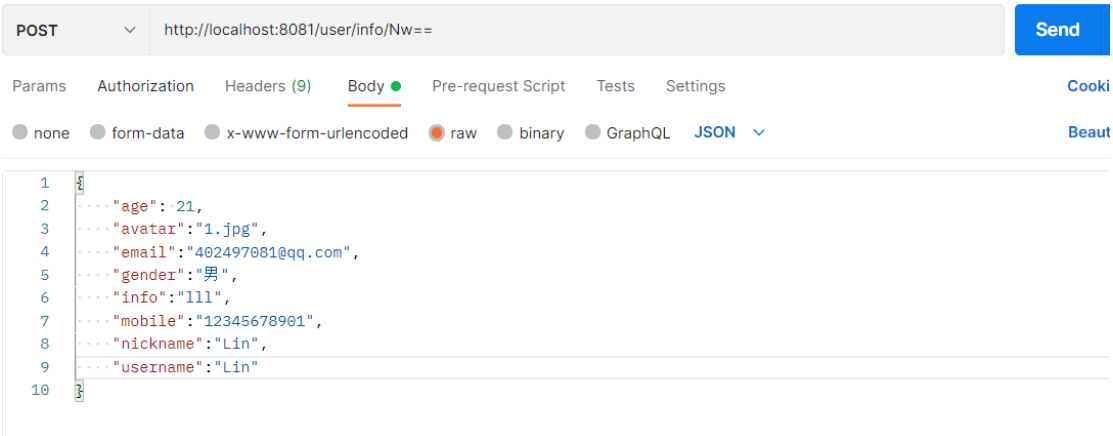
（文件名错误）



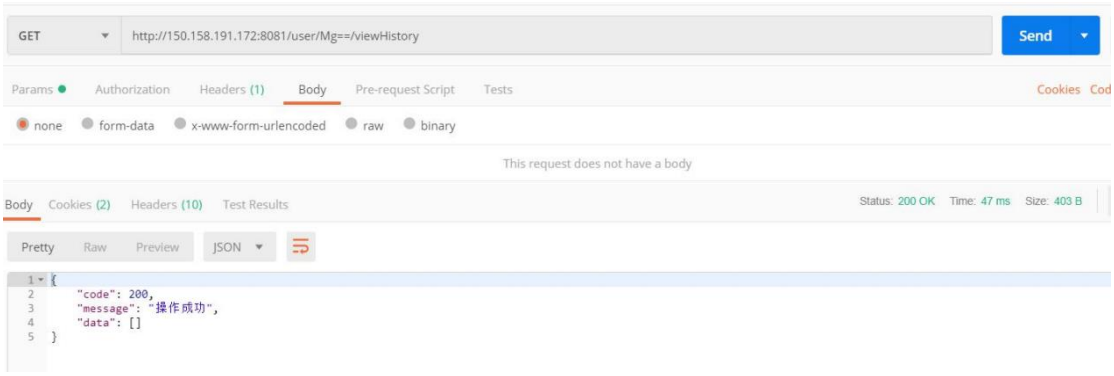
获取用户个人信息



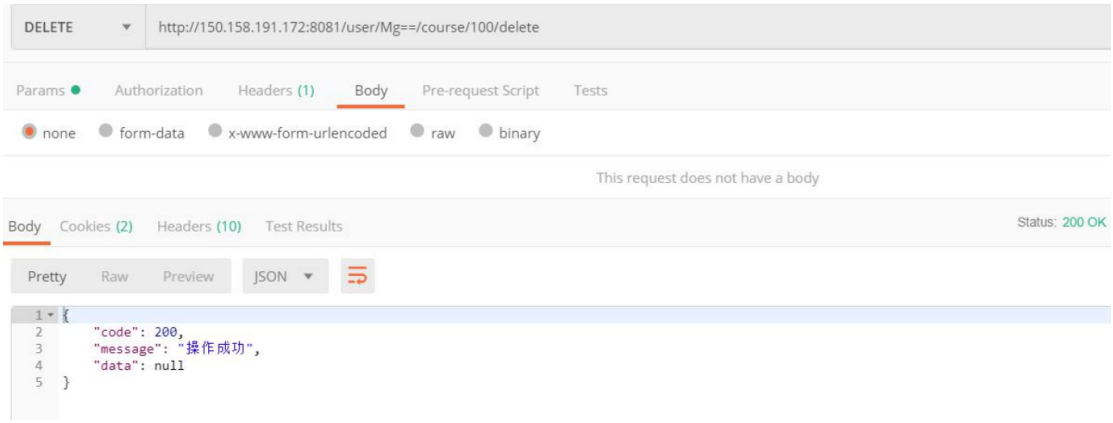
修改用户个人信息



查看用户的浏览记录

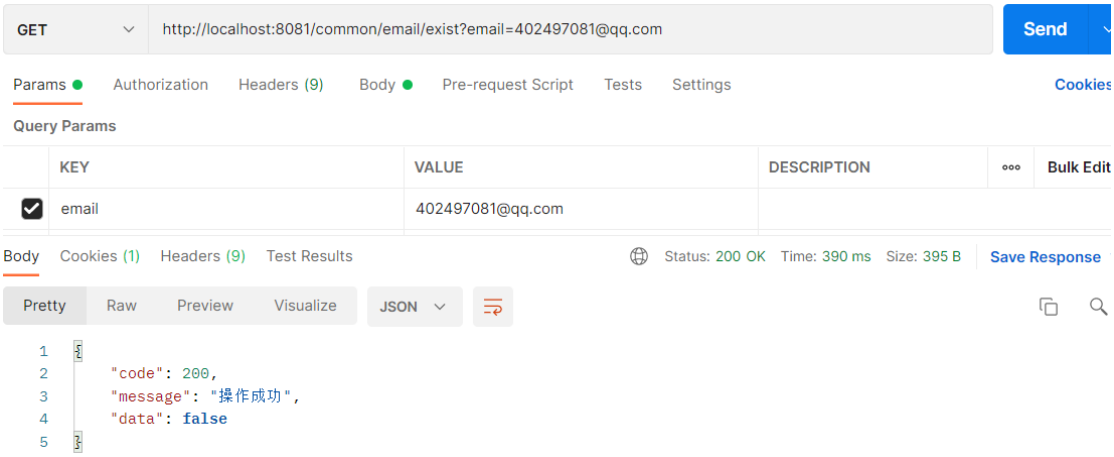


用户删除发布的视频

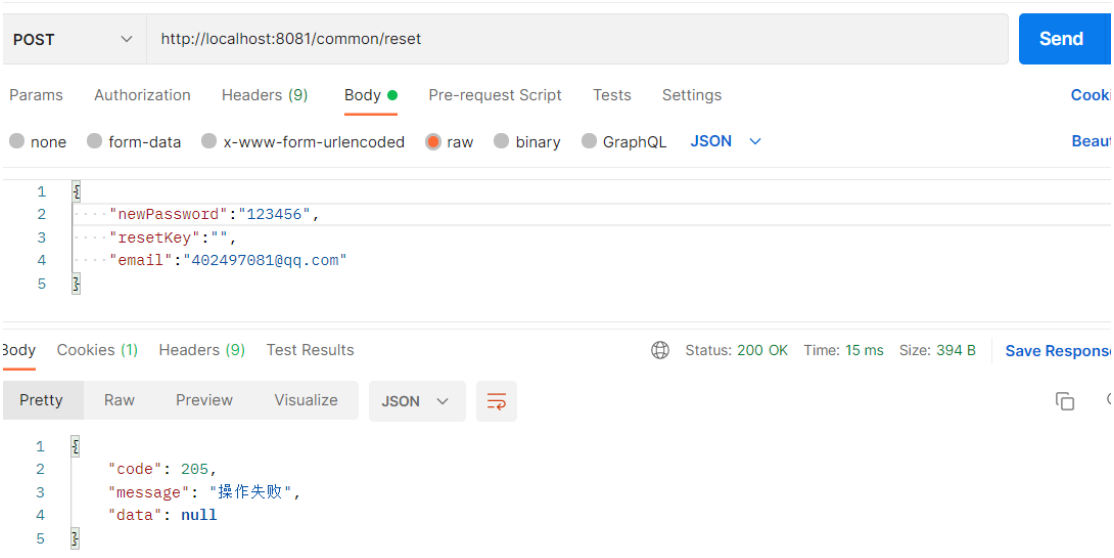


12、通用模块

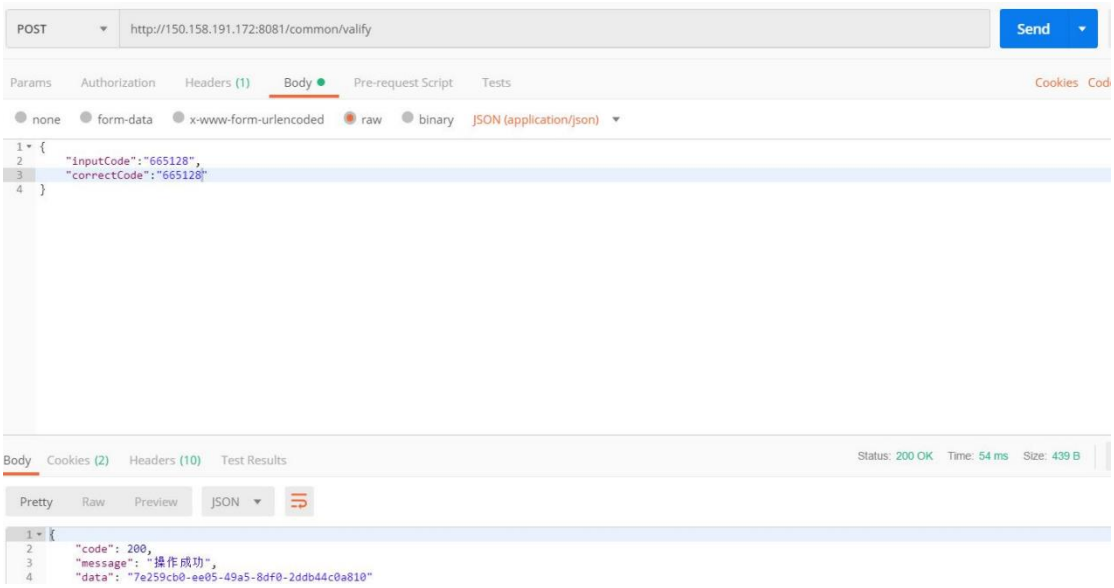
验证邮箱是否已经被注册



修改密码



验证验证码是否正确



遇到的问题与解决方案

问题 1：在 postman 中发送 post 请求时输入的参数格式错误

解决：与前端人员沟通找到相应的接口前端代码，查看输入参数的数据类型和格式。

问题 2：个别测试接口出现 404 状态码

解决：输入的 URL 错误，有的接口名称有过更改，重新改为正确的即可

问题 3：有时出现无法获取数据的情况

解决：登录的用户权限不够，有些操作只有管理员能进行

问题 4：有时无法读取登录状态

解决：暂未明确原因，初步判断为本地的问题，与代码无关