测试案例

本项目可以通过 postman 测试,也可通过**浏览器输入 url 在控制台观察**来测试,也可以实际上手去玩进行测试(postman/浏览器均全用 GET 请求(url 为 127.0.0.1:8000/test/),方便; 实际项目 GET 请求仅用来获取页面,具体操作(需要数据库进行增删改)都是通过 POST 来发送(url 为上述 url 去掉 test))

项目由 Django2.2 框架搭建而成,因此需要 Python 环境,并下载 Django2.2

pip install Django==2.2

然后在 TreasureHuntGame 文件夹下,使用命令行执行

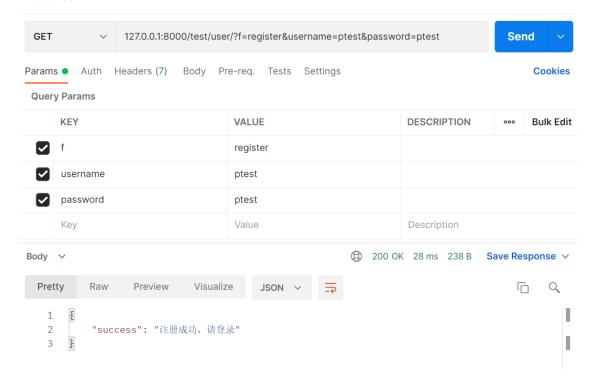
python manage.py runserver

即可在 127.0.0.1:8000 启动项目服务

测试案例这里以 postman 为例

注册/登录/退出登陆

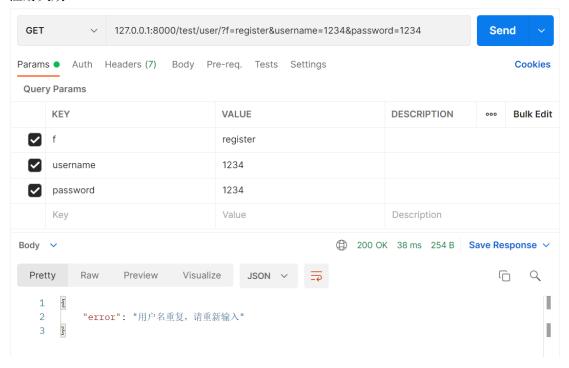
注册成功



数据库中记录:

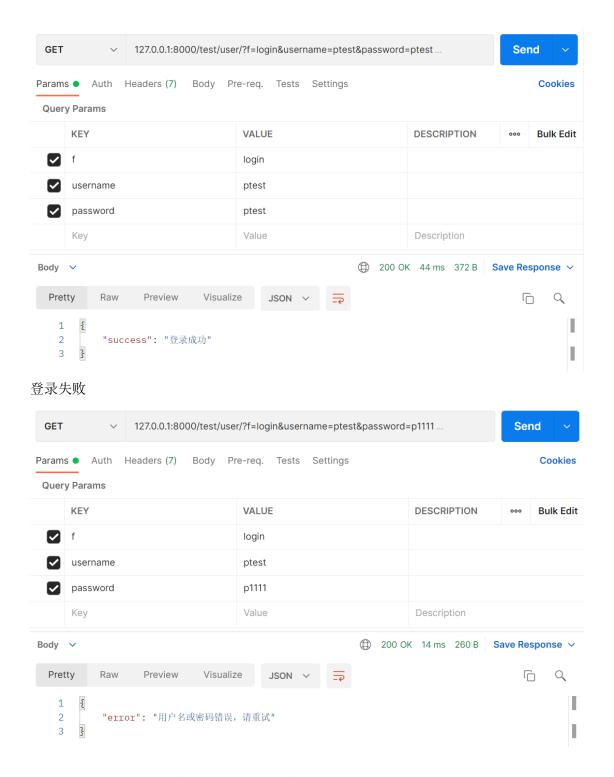
```
_id:ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 100
work_efficiency: 1
lucky_value: 1
> wear: Object
backpack: 0
auto_clean: 0
auto_work: 0
```

注册失败



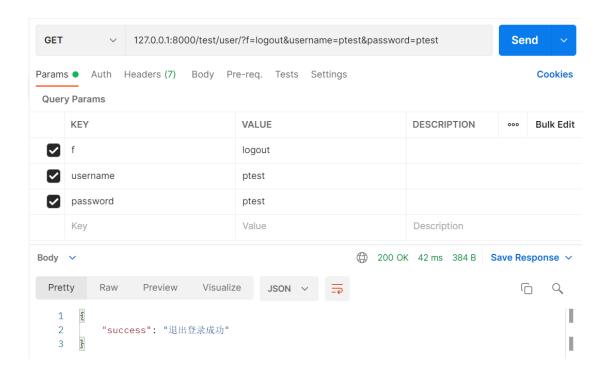
登录

登录成功

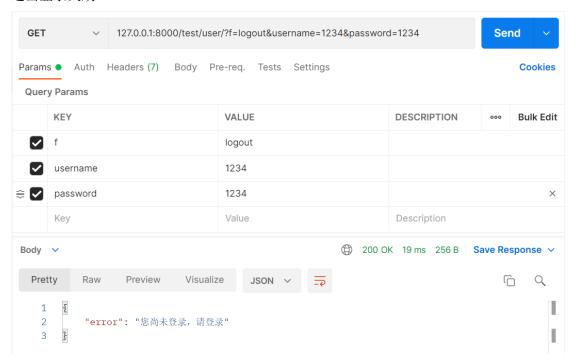


退出登录(这里参数无意义,仅删除数据库所存浏览器 session)

退出登录成功

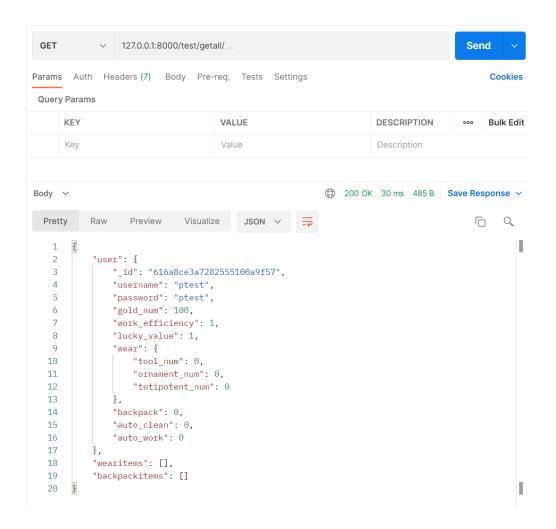


退出登录失败

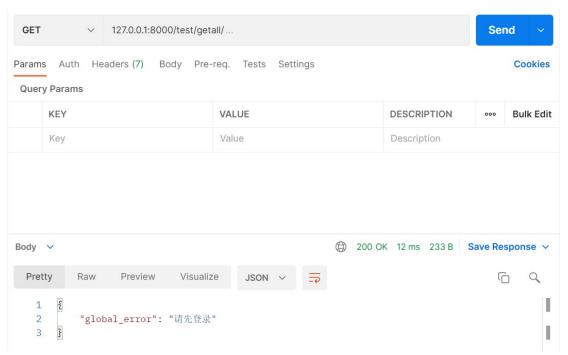


获取个人信息

获取成功

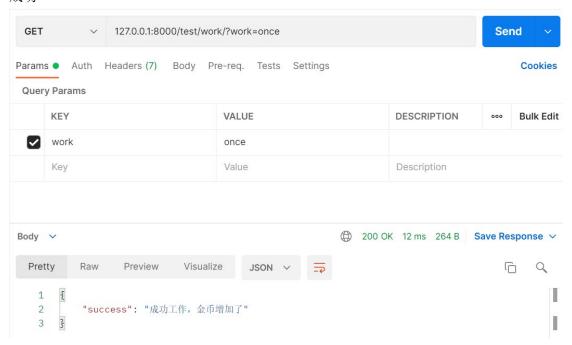


获取失败



工作一次

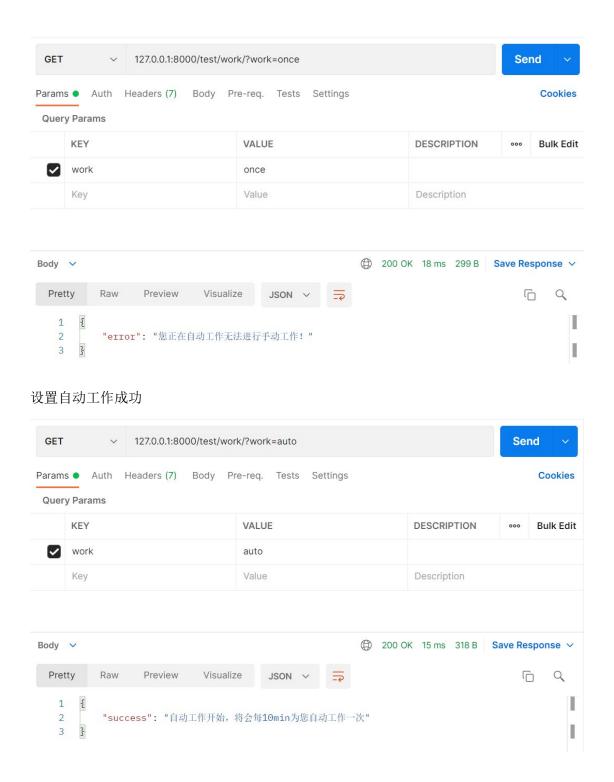
成功



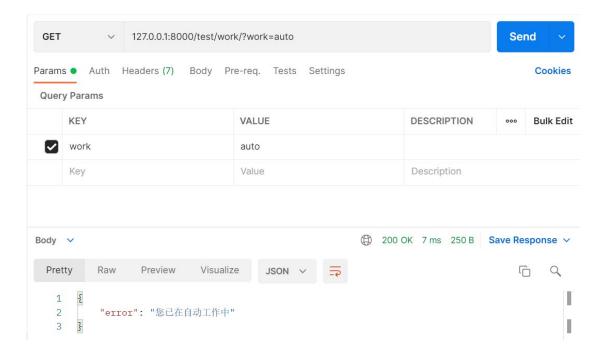
数据库金币更新

```
_id: ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 110
work_efficiency: 1
lucky_value: 1
> wear: Object
backpack: 0
auto_clean: 0
auto_work: 0
```

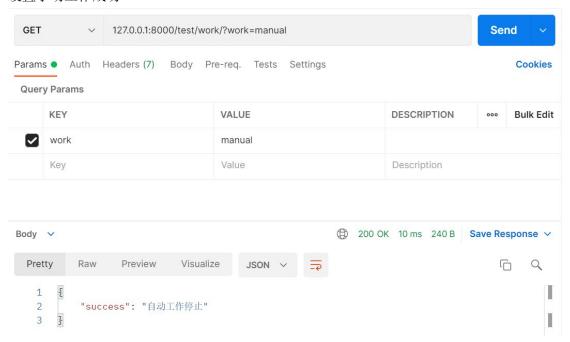
若设置了自动工作则导致失败



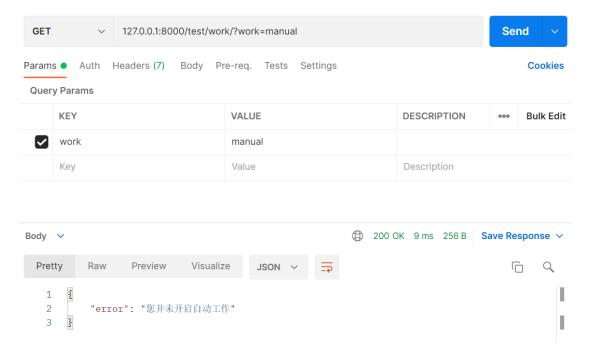
设置自动工作失败



设置手动工作成功

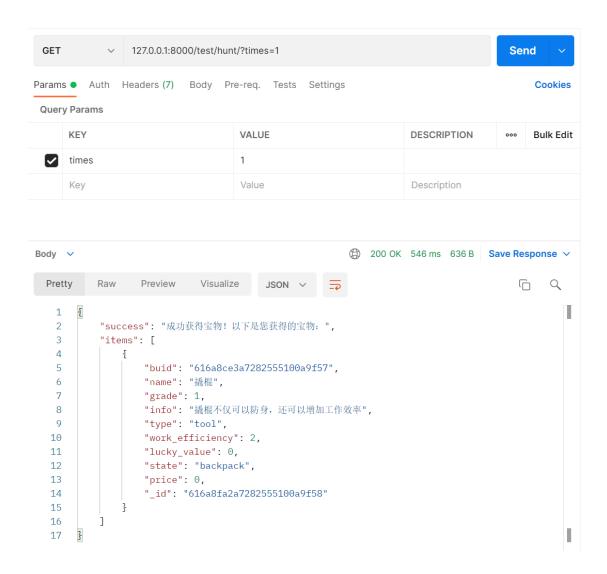


设置手动工作失败



寻宝

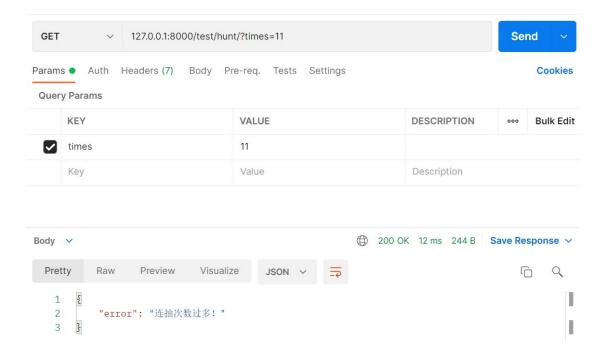
寻宝成功



数据库中

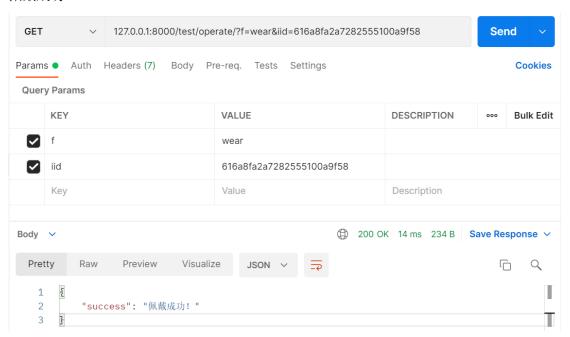
```
_id: ObjectId("616a8fa2a7282555100a9f58")
buid: ObjectId("616a8ce3a7282555100a9f57")
name: "撬棍"
grade: 1
info: "撬棍不仅可以防身, 还可以增加工作效率"
type: "tool"
work_efficiency: 2
lucky_value: 0
state: "backpack"
price: 0
```

寻宝失败 (连抽过多)

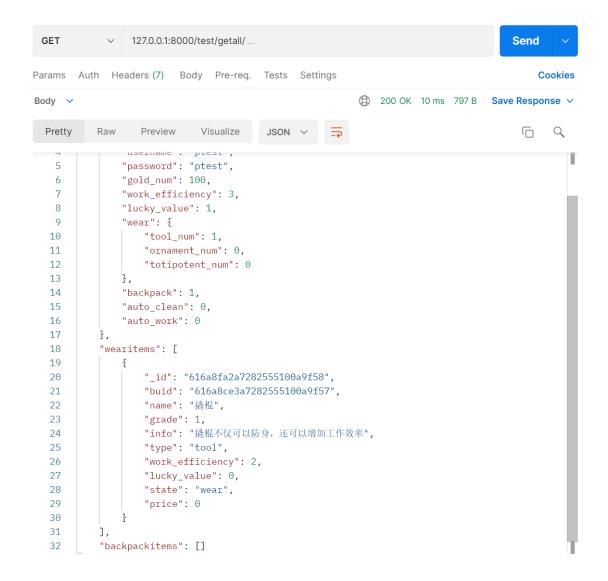


佩戴 (佩戴上述撬棍)

佩戴成功



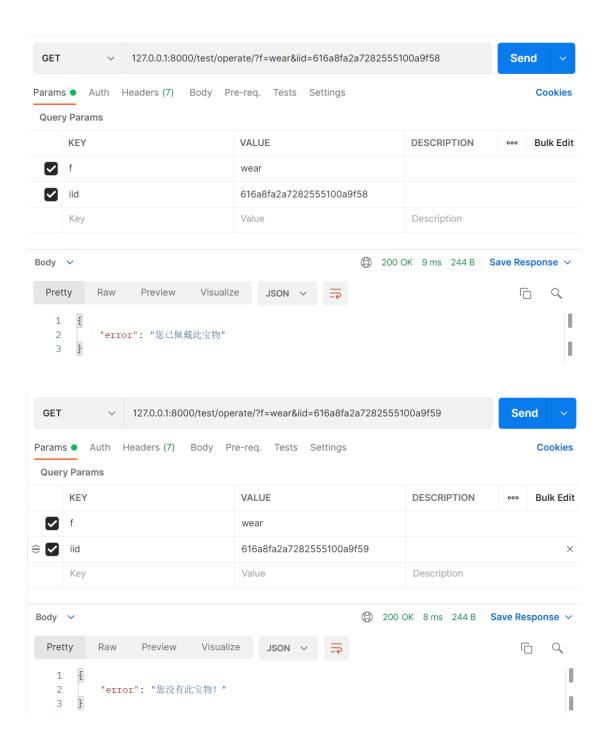
佩戴成功后 getall



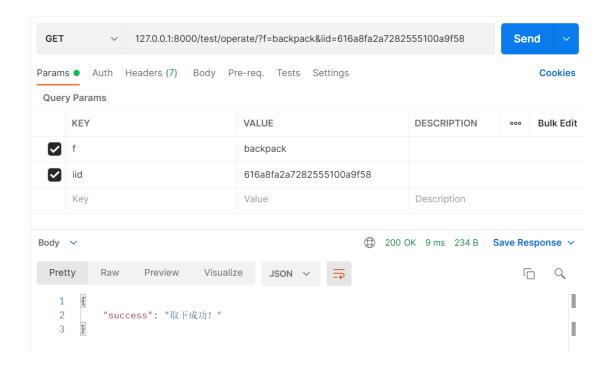
佩戴成功后数据库

```
_id:ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 100
work_efficiency: 3
lucky_value: 1
> wear: Object
backpack: 1
auto_clean: 0
auto_work: 0
```

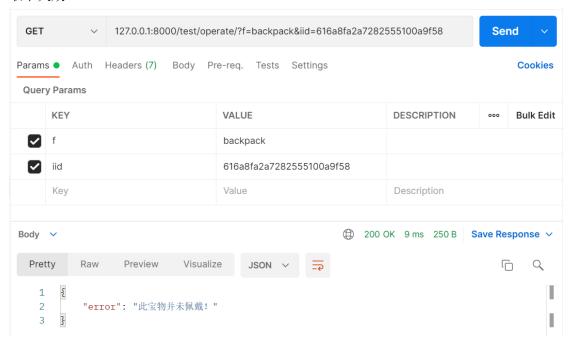
佩戴失败



取下 取下成功



取下失败

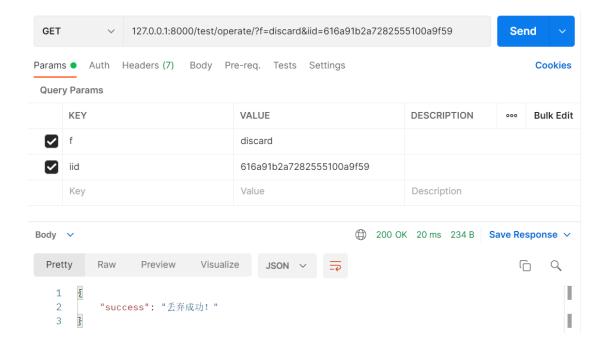


丢弃

丢弃成功 (丢弃的是另一个寻到的宝物)

丢弃前数据库:

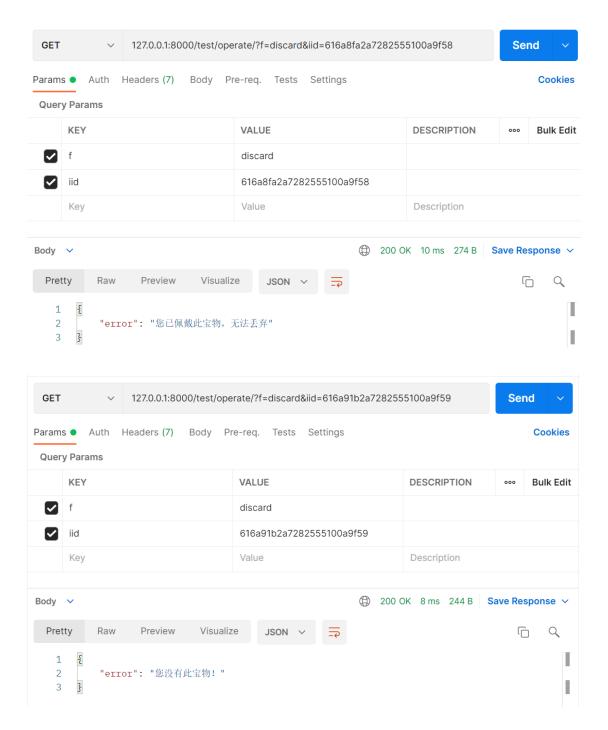
```
_id:ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 100
work_efficiency: 3
lucky_value: 1
> wear: Object
backpack: 2
auto_clean: 0
auto_work: 0
```



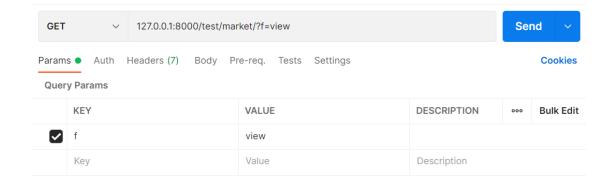
丢弃后数据库

```
_id:ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 90
work_efficiency: 3
lucky_value: 1
> wear: Object
backpack: 1
auto_clean: 0
auto_work: 0
```

丢弃失败



查看市场



```
Body 🗸
                                                       200 OK 27 ms 5.27 KB Save Response V
 Pretty
           Raw
                  Preview
                             Visualize
                                        JSON V
                                                                                     Q
  37
                   "state": "onsale",
  38
                   "price": 79
  39
               },
  40
               Ę
                   "_id": "615a9cbb86f789d2a6f12b7a",
  41
                   "buid": "61627ca0b421f6e987224737",
  42
                   "name": "项链",
  43
  44
                   "grade": 2,
                   "info": "这是一串精美的项链, 听说会带来好运哦",
  45
                   "type": "ornament",
  46
  47
                   "work_efficiency": 0,
  48
                   "lucky_value": 8,
                   "state": "onsale",
  49
                   "price": 77
  50
               3,
  51
  52
               Ę
                   "_id": "615a9cbe86f789d2a6f12b7f",
  53
                   "buid": "615a947650c0ef3be60dcfbd",
  54
```

购买 (购买上述项链)

购买前数据库

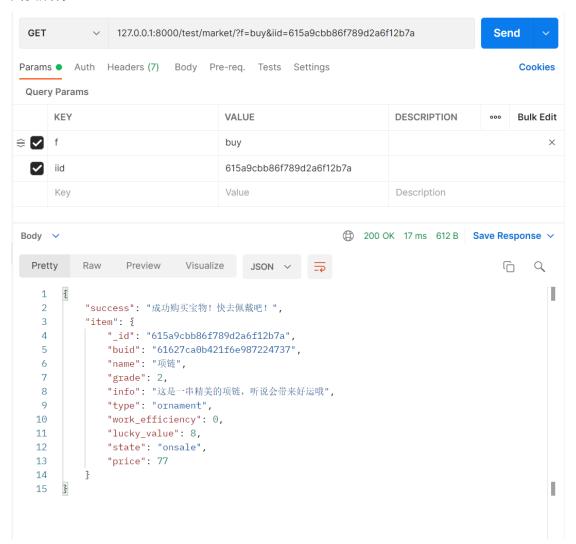
卖家

```
_id: ObjectId("61627ca0b421f6e987224737")
username: "1234"
password: "1234"
gold_num: 313
work_efficiency: 3
lucky_value: 6
> wear: Object
backpack: 15
auto_clean: 1
auto_work: 0
```

买家

```
_id: ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 90
work_efficiency: 3
lucky_value: 1
> wear: Object
backpack: 1
auto_clean: 0
auto_work: 0
```

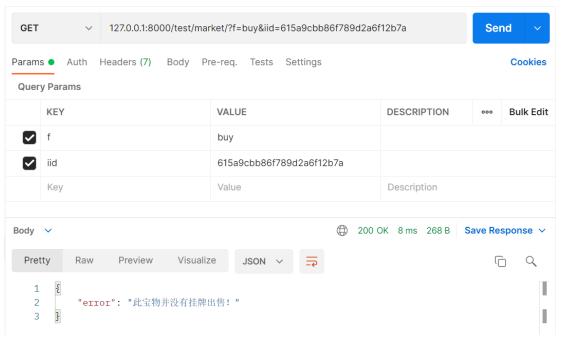
购买成功



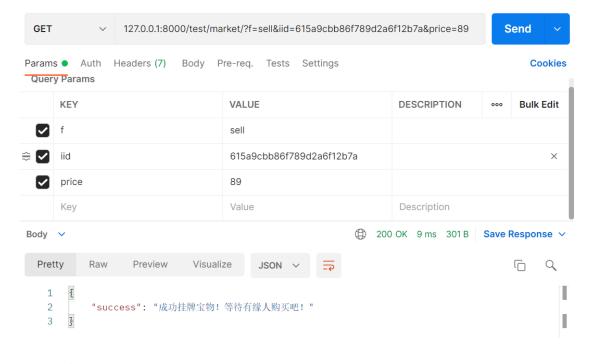
购买后数据库 卖家

```
_id: ObjectId("61627ca0b421f6e987224737")
        username: "1234"
        password: "1234"
        gold_num: 390
        work_efficiency: 3
        lucky_value: 6
      > wear: Object
        backpack: 14
        auto_clean: 1
        auto_work: 0
买家
         _id: ObjectId("616a8ce3a7282555100a9f57")
         username: "ptest"
         password: "ptest"
         gold_num: 13
         work_efficiency: 3
         lucky_value: 1
       > wear: Object
         backpack: 2
         auto_clean: 0
         auto_work: 0
```

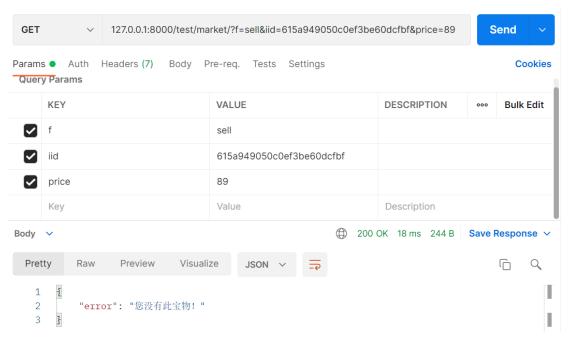
购买失败



出售 出售成功

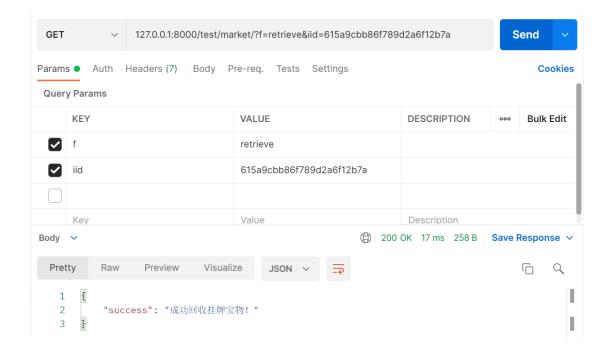


出售失败



回收宝物

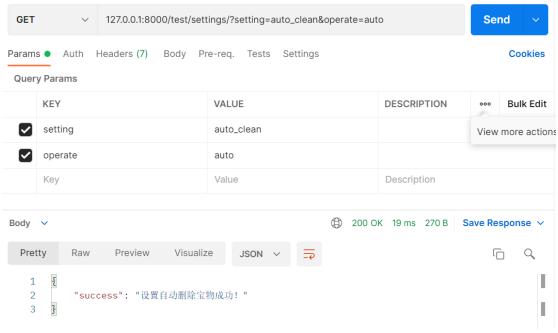
回收成功



回收失败



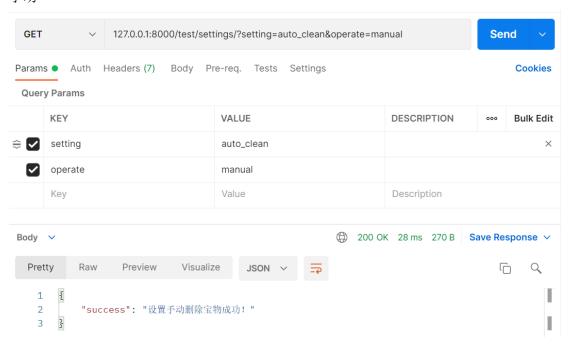
自动清理 开/关自动



数据库

```
_id: ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 13
work_efficiency: 3
lucky_value: 1
> wear: Object
backpack: 2
auto_clean: 1
auto_work: 0
```

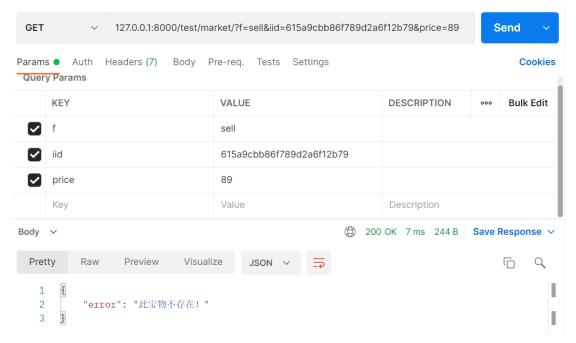
手动



数据库

```
_id:ObjectId("616a8ce3a7282555100a9f57")
username: "ptest"
password: "ptest"
gold_num: 13
work_efficiency: 3
lucky_value: 1
> wear: Object
backpack: 2
auto_clean: 0
auto_work: 0
```

若没有宝物则



若格式不对(缺少关键 json 数据)则返回

