

# 售后流程接口的API

API测试环境：192.168.3.172:5050

## 订单状态描述

```
# workflow_status 字段
#主流程状态 = 暂停, 进行中, 已完成, 已取消, 已过期(超时)
workflow_status = ['halt', 'in_progress', 'done', 'cancel', 'overdue']

# status 字段
#售后服务订单状态 = 已创建, 等待提交, 等待售后专员审核, 售后专员已审核, 等待负责人审批, 负责人已审批, (小碗)等待主管审批, 主管已审批, 等待财务审批, 财务已审批(结束)
status = [
    'created', 'waiting', 'service_approving', 'service_approved',
    'manager_reviewing', 'manager_reviewed', 'chief_reviewing',
    'chief_reviewed', 'finance_reviewing', 'end'
]

#售后订单的操作行为模式, 虽然有定义了cancel等其它的操作行为, 但是文档中没有要求
#操作行为 = 完成该步骤, 驳回
operation = ["done", "reject"]
```

APP 创建单条订单的接口, 返回 json 格式, 请求数据 “Content-type: application/json”

返回的数据格式:

```
{
  status: 0, //0 代表正常, 非0不正常
  message: "反馈信息, 报错信息" //这个信息仅供参考
  data: [] //相关操作数据
}
```

测试环境 POST <http://192.168.3.172:5050/api/v1/afterservice/orders>

## 售后单数据结构

```
{
  "id": "id",
  "serial_number": "订单序列号",
  "charge_number": "扣款单序列号",
  "type": "订单类型",
  "customer_name": "顾客名称(被告)",
  "status": "状态",
  "workflow_status": "流程状态",
  "summitted_at": "提交于",
```

```

"created_at": "创建于",
"updated_at": "更新于",
"accuser_name": "原告供应商",
"creator_name": "创建人",
"saler": "售后专员"
"remark": "异常描述",
"reason": "原因", //前端做成枚举就好了,数据库做枚举的限制
"abnormal_products": [ // 异常产品
    {
        skuCode: "物料编号", "remark": "异常描述"} ... ],
"duty_report": { // 责任报告
    "abnormal_type": "异常类型",
    "abnormal_reason": "责任原因",
    "publishment": "违约处罚",
    "publish_to": "责任产生方",
    "compensation": "扣款金额",
    "duty_to_id": "责任单位id",
    "duty_to": "责任单位",
    "duty_date": "责任判定时间"
},
"tracks": [//售后跟踪
    {
        "remark": "跟踪记录"
    } ... ],
"deductions": [//扣款单
    {
        "compensation": "处罚金额",
        "has_receipt": "是否开票",
        "remark": "扣款单明细备注"
    } ... ]
}

```

## 创建售后单的接口

接收数据 post http://192.168.3.172:5050/api/v1/afterservice/orders

```

data = {
    "type": "售后单订单类型", //必填
    "customer_name": "被告供应商名称", //必填
    "accuser_name": "原告供应商名称编号", //必填
    "creator_name": "创建人", //必填
    "reason": "异常原因", //必填
    "remark": "异常描述" //必填
}

```

## 查询售后单的接口

接收数据 get http://192.168.3.172:5050/api/v1/afterservice/orders?  
status=&workflow\_status=&creator\_name=&page=&per\_page= // 查询的时候伪  
造数据是不能用得, 除了分页的选项

#### 返回数据

```
{ "data":[
  {
    "id": "id",
    "serial_number": "订单序号",
    "charge_number": "扣款单序号",
    "type": "订单类型",
    "customer_name": "顾客名称(被告)",
    "status": "状态",
    "workflow_status": "流程状态",
    "summitted_at": "提交于",
    "created_at": "创建于",
    "updated_at": "更新于",
    "accuser_name": "原告供应商",
    "creator_name": "创建人",
    "saler": "售后专员",
    "remark": "异常描述",
    "reason": "原因", //前端做成枚举就好了, 数据库做枚举的限制
    "abnormal_products": [ // 异常产品
      {
        skuCode: "物料编号", "remark": "异常描述"}...],
    "duty_report": { // 责任报告
      "abnormal_type": "异常类型",
      "abnormal_reason": "责任原因",
      "publishment": "违约处罚",
      "publish_to": "责任产生方",
      "compensation": "扣款金额",
      "duty_to_id": "责任单位id",
      "duty_to": "责任单位",
      "duty_date": "责任判定时间"
    },
    "tracks": [//售后跟踪
      {
        "remark": "跟踪记录"
      }... ],
    "deductions": [//扣款单
      {
        "compensation": "处罚金额",
        "has_receipt": "是否开票",
        "remark": "扣款单明细备注"
      }... ]
  }
]
```

```
},  
//下一条.....  
]  
}
```

## 更新售后单的接口

```
put data={operation:"done", .....} 更新数据  
put http://192.168.3.172:5050/api/v1/afterservice/orders/<int:id> // 更新售后单  
的内容,传送的data基本一致,填那些内容更新那些内容  
data = {  
  operation: "操作类型", // 'done' 与 'reject'  
  remark: "操作相关说明", // 其余相关的属性字段  
}
```

### 提交售后单审核流程

```
//下面字段更新仅限制于  
workflow_status == "in_progress" && status == "waitting"  
//更新数据 put http://192.168.3.172:5050/api/v1/afterservice/orders/<int:id>  
data = {  
  remark: "提交时候的说明",  
  operation: "操作类型", // 提交步骤只能 'done','reject'会报错的  
  
  operator_name: "操作人名称"  
}  
//在提交后, 订单数据结构中的submit_at会自动更新, 触发条件是  
// status: 'waitting' -> 'service_approving'
```

### 其余的订单流程更新

```
//更新数据 put http://192.168.3.172:5050/api/v1/afterservice/orders/<int:id>  
data = {  
  remark: "提交时候的说明",  
  operation: "操作类型", // 'done':下一个流程 'reject':回到上一个流程  
  operator_name: "操作人名字"  
}
```

## 删除售后单的接口

```
删除数据 delete http://192.168.3.172:5050/api/v1/afterservice/orders/<int:id>  
这里只是要求在{  
  workflow_status: "in_progress",  
  status: "waitting"  
}的条件下才适用
```

### 其他接口

get订单流程的变更记录

[http://192.168.3.172:5050/api/v1/afterservice/<int:订单id>/journals?page=<int>&per\\_page=<int>](http://192.168.3.172:5050/api/v1/afterservice/<int:订单id>/journals?page=<int>&per_page=<int>)

get产品信息

[http://192.168.3.172:5050/api/v1/afterservice/all-products?page=<int>&per\\_page=<int>](http://192.168.3.172:5050/api/v1/afterservice/all-products?page=<int>&per_page=<int>)

get供应商与售后专员的关联参数

[http://192.168.3.172:5050/api/v1/afterservice/supplier\\_user\\_matcher?key\\_word=<string>&page=<int>&per\\_page=<int>](http://192.168.3.172:5050/api/v1/afterservice/supplier_user_matcher?key_word=<string>&page=<int>&per_page=<int>)

//异常产品的curd 添加

//post(批量或单个) <http://192.168.3.172:5050/api/v1/afterservice/orders/<int:外协订单id>/abnormal-products>

```
data = [
  {"skuCode": "物料编号", "remark": "异常描述"}...
]
```

//put(单个更新) <http://192.168.3.172:5050/api/v1/afterservice/orders/<int:外协订单id>/abnormal-products/<异常产品的id>>

```
data = {"skuCode": "物料编号", "remark": "异常描述"}
```

//delete()

责任报告相关API:

put 更新责任报告

put <http://192.168.3.172:5050/api/v1/afterservice/orders/<int:外协订单id>/duty-report>

```
data = {
  "abnormal_type": "异常类型",
  "abnormal_reason": "责任原因",
  "publishment": "违约处罚",
  "publish_to": "责任产生方",
  "compensation": "扣款金额",
  "duty_to_id": "责任单位id" //不用填,
  "duty_to": "责任单位"
  "DutyDate": "责任判定日期"
}
```

异常类型

<http://192.168.3.172:5050/api/v1/afterservice/dutyreports/typerank>

异常原因

<http://192.168.3.172:5050/api/v1/afterservice/dutyreports/reasonrank>

责任方

<http://192.168.3.172:5050/api/v1/afterservice/dutyreports/dutyrank>

扣款金额

<http://192.168.3.172:5050/api/v1/afterservice/dutyreports/compensationrank>

违约处罚

<http://192.168.3.172:5050/api/v1/afterservice/dutyreports/publishmentrank>

## 异常产品的CURD

//post(批量或单个) <http://192.168.3.172:5050/api/v1/afterservice/orders/<int:外协订单id>/abnormal-products>

data = [

    {"skuCode":"物料编号", "remark":"异常描述"}...

]

//put(单个更新) <http://192.168.3.172:5050/api/v1/afterservice/orders/<int:外协订单id>/abnormal-products/<异常产品的id>>

data = {"skuCode":"物料编号", "remark":"异常描述"}

//delete(单个) <http://192.168.3.172:5050/api/v1/afterservice/orders/<int:外协订单id>/abnormal-products/<异常产品的id>>