通信协议

通信方式: HTTP POST, 数据为json, 使用utf-8编码

url :

需要token的接口 http://112.126.66.121/appserver/gateway?token=xxxx

不需要token的接口http://112.126.66.121/appserver/gateway

token通过用户登录接口获得, 以下的接口若无特殊说明, 默认为需要token

用户token错误或过期时, 会返回HTTP 400错误

Token Error: token错误

Token Expired: token过期

请求对象

有四个成员：

jsonrpc： string，声明jsonrpc的版本号，值必须是“2.0”。

method：string，声明要调用的远程方法的名字。

params：一个结构化（object或list）的值，对应远程方法名，传入远程方法的参数。

id：标示符，值为（字串，数字）,id是必须要包含的

示例

{

"id": "5056",

"jsonrpc": "2.0",

"method": "user\_login",

"params": {"username": "13381129959", "password": "123456"}

}

返回对象

jsonrpc：string，声明jsonrpc的版本号，值必须为“2.0”。

result：远程方法返回的结果，结果值由服务器定义。如果返回错误，此成员不能出现。

error：远程方法返回错误的时候，此成员必须存在。否则，则一定不能存在。

id：标示符，值为（字串，数字）。该值必须同请求方法中id的值相同。

示例:

正确返回

{

"id": "5056",

"jsonrpc": "2.0",

"result":{ "expire\_time": "2014-07-26 10:04:25",

"token": "rus0DJ3MGCF5e6KhToKT2RP5yM2yrCsd"}

}

错误返回

{

"id": "5177",

"jsonrpc": "2.0",

"error": {"message": "该用户不存在或密码错误", "code": -32701}

}

用户注册(无需token)

method: user\_register

params:

username: 用户名, 16位以下

password:密码

返回:

token: 用户令牌, 用于后续操作

expire\_time: token过期时间

示例请求:

{"params": {"username": "guangju", "password": "123456"}, "jsonrpc": "2.0", "id": "9170", "method": "user\_register"}

成功返回:

{"jsonrpc": "2.0", "id": "1140", "result": {"expire\_time": "2014-08-20 22:35:28", "token": "dW3uwpP8i8fzMRytjgd7dWKbLa4UeyX5"}}

错误返回:

{"jsonrpc": "2.0", "id": "9170", "error": {"message": "用户名已存在", "code": -32702}}

用户登录(无需token):

method: user\_login

params:

username: 用户名

password:密码

返回:

is\_superuser, bool值, 是否管理员用户

token: 用户令牌, 用于后续操作

expire\_time: token过期时间

示例请求:

{"params": {"username": "guangju", "password": "123456"}, "jsonrpc": "2.0", "id": "6671", "method": "user\_login"}

示例返回

{"jsonrpc": "2.0", "id": "325", "result": {"expire\_time": "2014-08-23 09:42:47", "is\_superuser": false, "token": "QUsxNveFPSfBXxI6ovuBi5i7fh3ivDAF"}

修改密码

method: change\_passwd

params:

new\_passwd: 新密码, 16位以下

old\_passwd: 旧密码

返回:

ok

示例请求

{"params": {"new\_passwd": "123456", "old\_passwd": "123456"}, "jsonrpc": "2.0", "id": "6658", "method": "change\_passwd"}

示例返回

{"jsonrpc": "2.0", "id": "6658", "result": "ok"}

用户注销

method: user\_logout

params:

无

返回:

ok

示例

{"params": {}, "jsonrpc": "2.0", "id": "2222", "method": "user\_logout"}

{"jsonrpc": "2.0", "id": "2222", "result": "ok"}

用户更新token

用于登录获得的token即将过期时使用

method: user\_update\_token

params:

无

返回:

同用户登录

图片上传

method: upload\_img

params:

data: 图片内容, 使用base64编码

format: 图片格式, 可选参数, 默认值jpg

返回:

图片url

示例

{"params": {"data": " 略..."}, "jsonrpc": "2.0", "id": "4026", "method": "upload\_img"}

{"jsonrpc":"2.0","id":"4026",

"result": "http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg"}

添加商品

method: add\_product

params:

name: 商品名称,

unit: 单位

price,: 单位, 价格为分

main\_img: 主图片url, 使用上传图片接口获得

img:可选, 图片列表, json array [img1, img2, ...]

category: 类别,

detail: 详细描述

返回:

商品详情

示例:

{"params": {"category": "羊肉", "name": "鼎记特级羊肉", "img": ["http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg", "http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg"], "price": 1600, "detail": "详细描述", "main\_img": "http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg", "unit": "500g"}, "jsonrpc": "2.0", "id": "7122", "method": "add\_product"}

{u'jsonrpc': u'2.0', u'id': u'7836', u'result': u'ok'}

商品列表

method: list\_product

params:

category : 商品类别, 可选参数, 默认为空, 类别为空时, 查询所有商品, 否则查询该 类别的商品

返回:

json array: 商品的列表

product\_id: 商品id, 用于编辑, 删除等接口使用

name: 商品名称,

unit: 单位

price,: 单位, 价格为分

main\_img: 主图片url

img: 图片列表, json array [img1, img2, ...]

category: 类别,

detail: 详细描述

示例请求:

{"params": {}, "jsonrpc": "2.0", "id": "6677", "method": "list\_product"}

示例返回:

{"jsonrpc": "2.0", "id": "8817", "result": [{"category": "羊肉", "name": "鼎记特级羊肉", "img": ["http://112.126.66.121/appserver/media/images/user/5/20140826231905289010.jpg", "http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg"], "price": 55, "detail": "详细描述", "main\_img": "http://112.126.66.121/appserver/media/images/user/5/20140826231905289010.jpg", "unit": "500g", "product\_id": 13}]}

商品列表分组查询:

method: list\_product\_in\_group

params:

无

返回:

按照商品类别对商品进行分组

[

{

"category": "兔肉",

"data": [

{

"category": "兔肉",

"name": "纪录片",

"img": [

"http://112.126.66.121/appserver/media/images/user/1/20140828111955332270.jpg"

],

"price": 45600,

"detail": "录取线",

"main\_img": "http://112.126.66.121/appserver/media/images/user/1/20140828111955332270.jpg",

"unit": "500g",

"product\_id": 23

}

]

},

{

"category": "牛肉",

"data": [

{

"category": "牛肉",

"name": "鼎记特级牛肉",

"img": [

"http://112.126.66.121/appserver/media/images/user/5/20140826233718688929.jpg"

],

"price": 35,

"detail": "牛牛牛牛牛",

"main\_img": "http://112.126.66.121/appserver/media/images/user/5/20140826233718688929.jpg",

"unit": "斤",

"product\_id": 19

},

{

"category": "牛肉",

"name": "鼎记特级牛肉",

"img": [

"http://112.126.66.121/appserver/media/images/user/5/20140826233822617121.jpg",

"http://112.126.66.121/appserver/media/images/user/5/20140826233828196337.jpg"

],

"price": 40,

"detail": "牛肉牛肉牛肉",

"main\_img": "http://112.126.66.121/appserver/media/images/user/5/20140826233822617121.jpg",

"unit": "500g",

"product\_id": 20

}

]

}

]

删除商品

method: del\_product

params:

product\_id: 商品id, 用商品列表接口获得

返回:

ok

编辑商品

method: edit\_product

params:

product\_id: 商品id, 用商品列表接口获得

name: 商品名称,

unit: 单位

price,: 单位, 价格为分

main\_img: 主图片url, 使用上传图片接口获得

img:可选, 图片列表, json array [img1, img2, ...]

category: 类别,

detail: 详细描述

返回:

商品详情

查询商品

method: get\_product

params:

product\_id: 商品id

返回:

商品详情

添加收货地址

method:

add\_address

params:

mobile, 手机号码

name, 姓名

province, 省

city, 市

district, 区

detail\_address, 详细地址

返回:

地址详情

示例

{"params": {"province": "北京市", "city": "市辖区", "name": "广聚", "district": "朝阳区", "mobile": "13381129959", "detail\_address": "百子湾路32号院3A-311"}, "jsonrpc": "2.0", "id": "5087", "method": "add\_address"}

{'jsonrpc': '2.0', 'id': '5087', 'result': 'ok'}

收货地址列表

method:

list\_address

params:

无

返回:

default\_address\_id: 默认地址id

json array, 收货地址列表

字段意义:

id: address标识, 用于编辑, 删除等接口使用

mobile, 手机号码

name, 姓名

province, 省

city, 市

district, 区

detail\_address, 详细地址

示例

{"params": {}, "jsonrpc": "2.0", "id": "9883", "method": "list\_address"}

{

"jsonrpc": "2.0",

"id": "8499",

"result": {

"default\_address\_id": 1,

"address\_list": [

{

"province": "北京市",

"city": "市辖区",

"name": "广聚",

"district": "朝阳区",

"mobile": "13381129959",

"detail\_address": "百子湾路32号院3A-311",

"id": 1

}

]

}

}

删除收货地址:

method:

del\_address

params:

address\_id : 地址id, 从list\_address接口获得

返回:

ok

编辑收货地址

method:

edit\_address

params:

address\_id, 地址id

mobile, 手机号码

name, 姓名

province, 省

city, 市

district, 区

detail\_address, 详细地址

返回:

地址详细

设置默认收货地址

method:

set\_default\_address

params:

address\_id : 地址id

返回:

获取默认收货地址

method:

get\_default\_address

params:

无

返回:

json object, 收货地址

字段意义与收货地址列表接口相同

示例:

{"params": {}, "jsonrpc": "2.0", "id": "2091", "method": "get\_default\_address"}

{"jsonrpc": "2.0", "id": "2091", "result": {"province": "北京市", "city": "市辖区", "name": "广聚", "district": "朝阳区", "mobile": "13381129959", "detail\_address": "百子湾路32号院3A-311", "id": 1}}

提交订单

method:

submit\_order

params:

receiver\_name: 收货人姓名

receiver\_mobile: 收货人手机

receiver\_province: 收货人省份

receiver\_city,收货人市辖区

receiver\_district, 收货人地区

receiver\_detail\_address, 收货人详细地址

total\_price, int 总价格, 以分为单位

products, json array, [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}]

action\_time: 订单提交时间, 可空, 若空则取服务器时间

返回:

订单详情

"status": 0, 订单状态:-1: '订单已取消', 0: '下单成功', 1: '开始配送', 2: '配送成功'

"action\_time": "2014-08-31 17:35:59", 订单提交时间

"receiver\_district": "朝阳区", 收件人-区

"receiver\_city": "市辖区", 收件人-市

"receiver\_mobile": "13381129959", 收件人-手机

"receiver\_detail\_address": "百子湾路32号院", 收件人-详细地址

"products": [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}], 商品清单

count数量, product\_id: 商品id

"receiver\_province": "北京市", 收件人-省份

"id": 11, 订单id, 仅用作接口的订单标识

"order\_no": "14082622154830", 订单号码, 用于界面显示

"receiver\_name": "广聚" 收件人姓名

示例请求

{"params": {"action\_time": "2014-08-26 19:36:04", "total\_price": 100, "products": [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}], "receiver\_district": "朝阳区", "receiver\_city": "市辖区", "receiver\_mobile": "13381129959", "receiver\_name": "广聚", "receiver\_province": "北京市", "receiver\_detail\_address": "百子湾路32号院"}, "jsonrpc": "2.0", "id": "949", "method": "submit\_order"}

示例返回

{"jsonrpc": "2.0", "id": "949", "result": {"status": 0, "receiver\_district": "朝阳区", "receiver\_city": "市辖区", "receiver\_mobile": "13381129959", "receiver\_detail\_address": "百子湾路32号院", "products": [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}], "receiver\_province": "北京市", "id": 11, "order\_no": "14082622154830", "receiver\_name": "广聚"}}

订单列表

method:

list\_order

params:

status, json array [0, 1, 2] 要列出的订单的状态, 若为[], 则查询所有状态的订单

订单状态:-1: '订单已取消', 0: '下单成功', 1: '开始配送', 2: '配送成功'

start, int 起始索引, 可空, 默认为0

count, int 查询数量, 默认为10

返回

json array

字段含义同上

"status": 0, "

"action\_time": "2014-08-31 17:35:59", 订单提交时间

receiver\_district": "朝阳区",

"receiver\_city": "市辖区",

"receiver\_mobile": "13381129959",

"receiver\_detail\_address": "百子湾路32号院",

"products": [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}], "receiver\_province": "北京市",

"id": 3,

"order\_no": "14082620353932",

"receiver\_name": "广聚"

查询结果按订单创建时间反向排序, start和index用于分页查询

对于管理员用户, 查询到的是所有人的订单, 对于普通用户, 则只能查询到自己的订单

示例

{"params": {"status": [], "start": 1, "count": 1}, "jsonrpc": "2.0", "id": "5964", "method": "list\_order"}

{"jsonrpc": "2.0", "id": "5964", "result": [{"status": 0, "receiver\_district": "朝阳区", "receiver\_city": "市辖区", "receiver\_mobile": "13381129959", "receiver\_detail\_address": "百子湾路32号院", "products": [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}], "receiver\_province": "北京市", "id": 3, "order\_no": "14082620353932", "receiver\_name": "广聚"}]}

获取订单详情

method:

get\_order

params:

order\_id

返回:

订单详情:

字段含义同上

products中包含商品详情和数量,

route中包含订单的路由信息, 含义同order\_route

示例请求

{"params": {"order\_id": 2}, "jsonrpc": "2.0", "id": "7816", "method": "get\_order"}

示例返回

{

"jsonrpc": "2.0",

"id": "2717",

"result": {

"status": 1,

"action\_time": "2014-08-31 17:35:59", 订单提交时间

"receiver\_district": "朝阳区",

"receiver\_city": "市辖区",

"route": [

{

"status": 0,

"action\_time": "2014-08-26 19:36:04",

"description": "下单成功"

},

{

"status": 1,

"action\_time": "2014-08-27 20:32:55",

"description": "开始配送"

}

],

"receiver\_mobile": "13381129959",

"receiver\_detail\_address": "百子湾路32号院",

"products": [

{

"category": "羊肉",

"count": 5,

"name": "特级羊肉",

"img": [

"http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg"

],

"price": 1600,

"detail": "详细描述",

"main\_img": "http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg",

"unit": "500g",

"product\_id": 10

},

{

"category": "羊肉",

"count": 5,

"name": "鼎记特级羊肉",

"img": [

"http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg",

"http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg"

],

"price": 1600,

"detail": "详细描述",

"main\_img": "http://112.126.66.121/appserver/media/images/user/3/20140820200040002115.jpg",

"unit": "500g",

"product\_id": 1

}

],

"receiver\_province": "北京市",

"id": 2,

"order\_no": "14082619521470",

"receiver\_name": "广聚"

}

}

搜索订单

method:

search\_order

params:

keyword : 搜索关键字

start, int 起始索引, 可空, 默认为0

count, int 查询数量, 默认为10

返回:

与订单列表结果相同

查询结果按订单创建时间反向排序, start和index用于分页查询

对于管理员用户, 查询到的是所有人的订单, 对于普通用户, 则只能查询到自己的订单

示例

{"params": {"count": 10, "start": 0, "keyword": "13381129959"}, "jsonrpc": "2.0", "id": "4902", "method": "search\_order"}

{"jsonrpc": "2.0", "id": "4902", "result": [{"status": 0, "action\_time": "2014-08-26 19:36:04" "receiver\_district": "朝阳区", "receiver\_city": "市辖区", "receiver\_mobile": "13381129959", "receiver\_detail\_address": "百子湾路32号院", "products": [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}], "receiver\_province": "北京市", "id": 2, "order\_no": "14082619521470", "receiver\_name": "广聚"}, {"status": 0, "receiver\_district": "朝阳区", "receiver\_city": "市辖区", "receiver\_mobile": "13381129959", "receiver\_detail\_address": "百子湾路32号院", "products": [{"count": 5, "product\_id": 10}, {"count": 5, "product\_id": 1}], "receiver\_province": "北京市", "id": 3, "order\_no": "14082620353932", "receiver\_name": "广聚"}, ......]}

变更订单配送状态

method:

set\_order\_status

params:

order\_id: 2, 订单id

action\_time: 操作时间, 格式2014-08-27 20:32:55, 可空, 若留空则取服务器当前时间

status: 订单状态:-1: '订单已取消', 0: '下单成功', 1: '开始配送', 2: '配送成功'

返回:

ok

示例请求

{"params": {"order\_id": 2, "status": 1}, "jsonrpc": "2.0", "id": "8478", "method": "set\_order\_status"}

{"jsonrpc": "2.0", "id": "8478", "result": "ok"}

获取订单配送信息

method:

set\_order\_status

params:

order\_id 订单id

返回

json array, 订单的配送信息, 按时间排序

字段含义

"status": 1, 订单状态,

"action\_time": "2014-08-27 20:32:55", 操作时间

"description": "开始配送", 描述文字

示例:

{"params": {"order\_id": 2}, "jsonrpc": "2.0", "id": "10", "method": "order\_route"}

{"jsonrpc": "2.0", "id": "10", "result": [{"status": 0, "action\_time": "2014-08-26 19:36:04", "description": "下单成功"}, {"status": 1, "action\_time": "2014-08-27 20:32:55", "description": "开始配送"}]}

常见问题

method:

faq

params:

无

返回

纯文本faq

示例

{"params": {}, "jsonrpc": "2.0", "id": "5063", "method": "faq"}

{"jsonrpc": "2.0", "id": "5063", "result": "1.问?\n 答.\n2.问?\n 答.\n3.问?\n 答.\n4.问?\n 答.\n5.问?\n 答.\n6.问?\n 答."}

用户建议

method:

feedback

params:

content: 建议内容

返回

ok