

# 君乐宝-接口文档

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本程序包含一个接口

任务提交：[http://localhost:\[端口\]/process](http://localhost:[端口]/process)

- 请求方式为POST，格式为JSON
- 具体调用方式为，通过process上传任务，等待若干分钟后返回运行结果
- 每次process只能上传一个调度

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## 格式（快速上手样例）

### 传入参数

```
1  {
2      "dispatchId": "DIS0001",
3      "config": {
4          "DELIVERY_LOADING_SPEED": 1.5,
5          "DELIVERY_STAY_MINUTE": 5,
6          "ROS_VEHICLE_SPEED": 50,
7          "ROS_SPLIT_ORDER": "Y",
8          "ROS_NORMAL_TEMPERATURE_RATIO": 0.90
9      },
10     "depots": [
11         {
12             "branchId": "WH01",
13             "branchDescr": "张江物流中心",
```

```
14         "longitude": "121.50389",
15         "latitude": "31.29665",
16         "notes": "说明",
17         "branch_status": "0"
18     }
19 ],
20 "dispatchZone": [
21     {
22         "dispatchZoneCode": "DISZONE001",
23         "departureWave": "0:00-1:00,2:00-4:00",
24         "longitude": "121.50389",
25         "latitude": "31.29665",
26         "vehicleType": [
27             {
28                 "vehicleTypeId": "Type1",
29                 "vehicleTypeDescr1": "9.6米车型",
30                 "loadCapacityMin": 10.0,
31                 "loadCapacity": 16.0,
32                 "capacity": 40.0,
33                 "temperatureType": "冷藏"
34             }
35         ],
36         "vehicle" : [
37             {
38                 "vehicleId": "VE0000000215",
39                 "licensePlateNo": "沪A88888",
40                 "vehicleType": "Type1",
41                 "pri": 1,
42                 "capacityLength": 9.6,
43                 "capacityWidth": 2.3,
44                 "capacityHeight": 2.3,
45                 "maxVolume": 40.0,
46                 "maxWeight": 16.0,
47                 "maxQty": 100,
48                 "maxMoney": 100.0,
49                 "mileageCost": ,
50                 "workingTime": "06:00-17:00",
51                 "returnFlag": "0",
52             }
53         ],
54         "tariff": [
55             {
56                 "tariffID": "JLB-JT-202410-00098",
57                 "offeringType": "整车运输",
58                 "shipperProvince": "河北",
59                 "shipperCity": "石家庄",
60                 "shipperDistrict": "",
```

```
61         "consigneeProvince": "山东",
62         "consigneeCity": "济南",
63         "consigneeDistrict": "",
64         "temperatureType": "冷藏",
65         "mileage": 399.0,
66         "rateBase": "吨公里",
67         "initialRate": 0.650
68     }
69 ]
70 }
71 ],
72 "orders": [
73     {
74         "dispatchZoneCode": "DIS0001",
75         "taskNo": "P0001-2",
76         "orderNo": "P0001",
77         "DC": "WH01",
78         "orderType": "D",
79         "createTime": "2025-03-04T10:00",
80         "qty": 10,
81         "weight": 15.5,
82         "cubic": 42.7,
83         "money": 100.0,
84         "bulkFlag": 1,
85         "routeNo": "",
86         "routeNoNext": "",
87         "offeringType": "汽运",
88         "temperatureClass": "冷藏",
89         "addressNo": "ADDR001",
90         "address": "上海市杨浦区邯郸路某某号",
91         "timeWindowFrom": 00:00,
92         "timeWindowTo": 23:59,
93         "vehicleCategory": "type1, type2",
94         "longitude": "121.50389",
95         "latitude": "31.29665",
96         "consigneeId": "A001",
97         "companyClass": "0点",
98         "availableVehicleType": "type1, type2",
99         "vehicleCategoryCus": "type1, type2",
100         "unloadingTimeWindow": "8:00-12:00,14:00-18:00",
101         "nonUnloadingTimeWindow": "12:00-14:00,18:00-24:00",
102         "leadTime": 36.0,
103         "SDD": "1, 2, 3",
104         "ordersDetails": [
105             {
106                 "taskNo": "P0001-2",
107                 "taskLineNo": "1",
```

```

108         "sku": "210001",
109         "skuDescr1": "老酸奶",
110         "qty": 2,
111         "weight": 2.0,
112         "cubic": 6.2,
113         "temperatureType": "冷藏",
114         "grossWeight": 1.0,
115         "cube": 3.1
116     }
117 ]
118 }
119 ]
120 }

```

## 传出参数

```

1  {
2      "success": true,
3      "code": "10000",
4      "msg": "成功",
5      "results": [
6          {
7              "dispatchId": "DIS0001", //调度编码
8              "waybillNo": "BIL001", //运单号, 算法生成
9              "vehicleId": "VE00000000215",
10             "vehicleType": "Type1",
11             "temperatureType": "冷藏",
12             "ETD": "00:00",
13             "vehicleLeaveSeq": 1,
14             "routeNoRos": "R0001",
15             "routeNameRos": "石家庄-济南-潍坊-青岛",
16             "totalMile": 390.0,
17             "vehicleVolumeRatio": 0.69,
18             "vehicleWeightRatio": 0.99,
19             "orders": [
20                 {
21                     "taskNo": "P0001-2",
22                     "orderNo": "P0001",
23                     "seq": 1,
24                     "eta": "2025-03-04T10:00",
25                     "etd": "2025-03-04T10:20",
26                     "distance": 16.0,
27                     "duration": 0.36,
28                     "qty": 10,
29                     "grossWeight": 15.5,

```

```
30         "cubic": 42.7,
31         "qtyPlanned": 10,
32         "grossWeightPlanned": 15.5,
33         "cubicPlanned": 42.7,
34         "goods": [
35             {
36                 "taskNo": "P0001-2",
37                 "taskLineNo": "1",
38                 "sku": "210001",
39                 "skuDescr1": "老酸奶",
40                 "qty": 2,
41                 "grossweight": 2.0,
42                 "cubic": 6.2,
43                 "qtyPlanned": 2,
44                 "grossWeightPlanned": 2.0,
45                 "cubicPlanned": 6.2
46             }
47         ]
48     }
49 ]
50 }
51 ]
52 }
```

## 接口说明

### 传入参数

### 传出参数