以下所有接口建议优先使用post方式, 当get请求参数包含中文时必须使用post

# 登录

地址:/ userLogin.json

参数:用户名loginName,密码password,登陆类型type,改变token CTK(可选)

返回token加完整用户信息

失败时error写具体原因

# 乘务记录列表

地址: /train/list.json

参数:查询车次trainCode,发车日期startTime(yyyy-MM-dd HH:mm:ss格式),

maxId,minId,pageSize

返回乘务记录列表,无行车区间信息,额外包含所属列车长ID,姓名，职务，照片，列车ID

key为trainList, 数组内容:

|  |  |  |
| --- | --- | --- |
| 说明 | key | 示例 |
| 列车ID | id | 1 |
| 车次 | board\_train\_code | G8012 |
| 发车日期 | start\_time | 1409808141000 |
| 始发站 | from\_station\_name | 沈阳 |
| 终到站 | to\_station\_name | 大连 |
| 当值班组 | current\_team | 第7车队 第2乘务 |
| 编组长度 | team\_length | 8 |
| 运行状态  1待发  2到达  3晚点  4提前  5正点  可能为空,未知 | driving\_status | 1 |
| 列车长用户ID | user\_id | 1 |
| 列车长工号 | job\_number | 10001 |
| 列车长姓名 | user\_name | 范国宏 |
| 列车长头像 | photo | /upload/user/cckyd/10001.jpg |
| 列车长电话 | phone | 13889354599 |
| 列车长部门ID | department\_id | 1 |
| 列车长部门名称 | department\_name | 段班子 |
| 列车长职位ID | position\_id | 1 |
| 列车长职位 | position\_name | 段长 |

返回样例:

{"trainList":[{"job\_number":"10001","phone":"13889354599","department\_id":1,"board\_train\_code":"G8012","from\_station\_name":"沈阳","driving\_status":1,"deleted":0,

"photo":"/upload/user/cckyd/10001.jpg","position\_name":"段长",

"to\_station\_name":"大连","team\_length":"8","id":1,

"user\_name":"范国宏","current\_team":"第7车队 第2乘务","position\_id":1,

"start\_time":1409808141000,"user\_id":1,"department\_name":"段班子"}]}

# 新建乘务记录

地址:/train/save.json

参数:车次trainCode,发车日期startTime,值班组currentTeam,编组长度teamLength

返回:列车基本信息表(主要使用插入后返回的列车ID)

key为train, 内容与乘务记录列表中的每一行记录格式相同

返回样例

{"train":{"job\_number":"10002","phone":"123","board\_train\_code":"K57","department\_id":1,"deleted":0,"photo":"/upload/user/cckyd/10001.jpg",

"position\_name":"段长","team\_length":"9","id":5,"user\_name":"test","current\_team":"值班组4","position\_id":1,"start\_time":1409900700000,"user\_id":2,"department\_name":"段班子"}}

# 列车状态查询

地址:/train/getTrainDynamic.json?id=列车ID值

key为stationList, 已按站的顺序排序, 数组内容:

其中四个时间可能为空,接口未返回数据,可能是开出路局范围,也可能提前,比如当前时间为06:00, 接口传过来的数据可能包含08:00的实际到达时间,等周一再联系一下路局的人确认一下为什么会有之后的时间

|  |  |  |
| --- | --- | --- |
| 说明 | key | 示例 |
| 站名 | STATION\_NAME | 烟筒山 |
| 车站序号 | STATION\_NO | 04 |
| 实际到达时间 | TIME\_ARRIVAL | 2014-09-13 20:39:00 |
| 图定到达时间,也就是列车正点到达时间(即列车时刻表上的时间,界面显示这个比较合适) | TIME\_ARRIVAL\_TD | 2014-09-13 20:38:00 |
| 实际发车时间 | TIME\_DEPART | 2014-09-13 20:43:00 |
| 图定发车时间 | TIME\_DEPART\_TD | 2014-09-13 20:40:00 |
| CUR=1的则显示小列车图标,表示当前到站或即将到站 | CUR | 0 |
| 到达该站时正晚点信息  -1提前  0正点  1晚点 | ON\_TIME | 1 |
| 已经过此站(0/1) | PASSED | 1 |
| 当前站的上一个站是否已经过 | PRE\_PASSED | 1 |
| 当前站的下一个站是否已经过 | NEXT\_PASSED | 1 |

返回数组的其中一行内容样例

{

"NEXT\_PASSED": 1,

"PASSED": 1,

"TIME\_DEPART\_TD": "2014-09-13 20:40:00",

"TIME\_ARRIVAL\_TD": "2014-09-13 20:38:00",

"STATION\_NO": "04",

"ON\_TIME": 1,

"PRE\_PASSED": 1,

"STATION\_NAME": "烟筒山",

"TIME\_ARRIVAL": "2014-09-13 20:39:00",

"CUR": 0,

"TIME\_DEPART": "2014-09-13 20:43:00"

},

# 查询重点工作，乘务记录

地址:/keyworkAndRecord/getByTrainId/1.json

|  |  |  |
| --- | --- | --- |
| 说明 | key | 示例 |
| 列车ID | train\_id |  |
| 重点工作 | context |  |
| 运送旅客人数 | passenger\_cnt | 100.0 |
| 运送行包件数 | packet\_cnt | 99.0 |
| 客票进款 | passenger\_rcpt | 99.0 |
| 餐营进款 | catering\_rcpt | 99.0 |
| 旅客伤亡 | passenger\_miss | 99.0 |
| 票款丢失 | receipts\_miss | 99.0 |
| 职工伤亡 | worker\_miss | 99.0 |
| 行车记事 | notes |  |

返回示例:

{"crewRecord":{"worker\_miss":0.0,"passenger\_miss":0.0,"packet\_cnt":99.0,"passenger\_cnt":100.0,"passenger\_rcpt":1000.0,"train\_id":1,"receipts\_miss":9.0,"notes":"行车记事","deleted":0,"catering\_rcpt":9999.0},"keywork":{"context":"重点工作","train\_id":1,"deleted":0}}

# 保存重点工作,乘务记录

地址:/keyworkAndRecord/save.json

参数: trainId列车ID, context重点工作, passengerCount运送旅客人数, packetCount运送行包件数, passengerReceipts客票进款, cateringReceipts餐营进款, passengerMiss旅客伤亡, receiptsMiss票款丢失, workerMiss职工伤亡, notes行车记事

返回值:

{"status":0,"info":"添加成功！","crewRecord":{"worker\_miss":0.0,"passenger\_miss":0.0,"packet\_cnt":9999.0,"passenger\_cnt":10000.0,"passenger\_rcpt":8888.0,"train\_id":3,"receipts\_miss":0.0,"deleted":0,"catering\_rcpt":7777.0, "notes":"note"},"keywork":{"context":"test","train\_id":3,"deleted":0}}

# 查询审阅记录

地址:/review/getByTrainId/1.json

|  |  |  |
| --- | --- | --- |
| 说明 | key | 示例 |
| 列车ID | train\_id |  |
| 用户ID | user\_id |  |
| 消息内容 | message |  |
| 消息状态 | status |  |
| 消息类型   1. 已阅 2. 已阅且有审阅意见 3. 提交最终版本 | type |  |
| 创建时间 | create\_time |  |

返回示例:

{"review":[{"message":"1231231","id":1,"create\_time":1409887151000, "type":1,"train\_id":1,"user\_id":1,"deleted":0},{"message":"dfasfas","id":2,"create\_time":1411442356000, "type":3,"train\_id":1,"user\_id":2,"deleted":0}]}

# 保存审阅记录

地址:/review/save.json

参数: trainId 列车ID, userId用户ID, message消息内容, status消息状态(暂时都为1,也可不传),type消息类型(1已阅,2已阅且有审阅意见,3提交最终版本), createTime创建时间

返回值:

{"model":{"id":5,"trainId":1,"userId":1,"message":"test","createTime":"2014-01-01","msgStatus":0,"deleted":0},"status":0,"info":"添加成功！"}

# 编组情况

地址:/train/getTrainCoachList.json

参数:列车ID

返回:

trainCode:车次

trainDate:发车日期(即乘车日期,这两个参数方便后面查询票务信息使用)

coachList:车厢列表数组内容:

|  |  |  |
| --- | --- | --- |
| 说明 | key | 示例 |
| 车厢号(编组) | coach\_no | 01 |
| 全车辆号 | train\_no | 11000G801204 |
| 车厢类型 | coach\_type | RZ1 |
| 定员 | limit1 | 33 |

返回样例

{"trainCode":"G8012","trainDate":"20140906","coachList":[{"coach\_no":"01","stop\_date":"20300331","coach\_type":"RZ1","limit2":0,"limit1":33,"start\_date":"20140701","train\_no":"11000G801204"},{"coach\_no":"02","stop\_date":"20300331","coach\_type":"RZ2","limit2":0,"limit1":85,"start\_date":"20140701","train\_no":"11000G801204"},{"coach\_no":"03","stop\_date":"20300331","coach\_type":"RZ2","limit2":0,"limit1":85,"start\_date":"20140701","train\_no":"11000G801204"},{"coach\_no":"04","stop\_date":"20300331","coach\_type":"RZ2","limit2":0,"limit1":75,"start\_date":"20140701","train\_no":"11000G801204"},{"coach\_no":"05","stop\_date":"20300331","coach\_type":"CA","limit2":0,"limit1":63,"start\_date":"20140701","train\_no":"11000G801204"},{"coach\_no":"06","stop\_date":"20300331","coach\_type":"RZ2","limit2":0,"limit1":85,"start\_date":"20140701","train\_no":"11000G801204"},{"coach\_no":"07","stop\_date":"20300331","coach\_type":"RZ2","limit2":0,"limit1":85,"start\_date":"20140701","train\_no":"11000G801204"},{"coach\_no":"08","stop\_date":"20300331","coach\_type":"RZ2","limit2":0,"limit1":45,"start\_date":"20140701","train\_no":"11000G801204"}]}

# 车厢内票务信息

地址:/train/getSeatInfo.json

参数:

trainCode:车次(可从上个编组情况页获得)

trainDate:乘车日期(可从上个编组情况页获得)

coachNo:车厢号码(可从上个编组情况页获得)

返回:

seat:内容:

以每个座位号为key,内容为数组,数组内容:

|  |  |  |
| --- | --- | --- |
| 说明 | key | 示例 |
| 票种 | ticket\_type | 1 |
| 车厢号 | coach\_no | "07" |
| 售票方式 | sale\_mode | "E" |
| 下车站电报码 | to\_tele\_code | "AXT" |
| 售票处号 | office\_no | "5411600" |
| 站车次 | board\_train\_code | "G8012" |
| 席位类型 | seat\_type\_code | "O" |
| 席位号 | seat\_no | "001A" |
| 上车站站名 | from\_station\_name | "长春" |
| 结账统计日期 | statistics\_date | "20140907" |
| 下车站 | to\_station\_name | "鞍山西" |
| 票源 | ticket\_source | "2" |
| 上车站电报码 | from\_tele\_code | "CCT" |
| 乘车日期 | train\_date | "20140906" |
| 窗口号 | window\_no | 76 |
| 票价 | ticket\_price | 1885 |
| 票号 | ticket\_no | "A031985" |
| 车站电报码 | inner\_code | "CCT" |
| 全车次 | train\_no | "11000G801204" |

点击座位后, jsonObj.seat.座位号即可获得车票list