**线索主数据方案查询QMS接口**

**一、 文档说明**

1. **名词解释**

|  |  |
| --- | --- |
| **术语 / 缩略词** | **说明** |
|  |  |

**二、 功能详细说明**

1. **接口说明**

由QMS系统提供接口，CRM系统查询QMS系统线索数据。

1. **交互原型图**

1，查询QMS线索数据

2，接口文档

线索主数据方案查询QMS接口

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 基本描述 | | | | | |
| URL | 请求类型 | | 请求方法 | | |
| /sync/qms/leads | Json | | Post | | |
| 参数明细 | | | | | |
| 系统参数 | | | | | |
| 参数 | | 类型 | 描述 | 是否必须 | |
| system | | string | 来源系统 | 是 | |
| systemCode | | string | 接口编号  默认“QMS-CRM-0002” | 是 | |
| 查询信息 | | | | | |
| 参数 | 类型 | | 描述 | | 是否必须 |
| sale\_company | string | | 销售公司 | | 是 |
| customer | string | | 客户 | | 否 |
| product\_type | string | | 产品类型（采煤机，掘进机，运输机，皮带机）（运输机和皮带机在系统中没有，暂时运输机查询的是带式输送机-运输中心，皮带机查询的是带式输送机-西北煤机） | | 否 |
| qa\_type | string | | 故障种类（机械，液压，电气） | | 否 |
| model | string | | 机型 | | 否 |
| sale\_code | string | | 出厂编号 | | 否 |
| error\_date | string | | 故障发生时间 | | 否 |
| repair\_date | string | | 到矿维修时间（暂时取处理过程种按时间排序的第一条的开始时间） | | 否 |
| after\_saler | string | | 售后服务人员（目前按照工号查询，一次只能查询一个人） | | 否 |
| customer\_user | string | | 客户联系人（无客户时无法查询） | | 否 |
| error\_info | string | | 故障现象 | | 否 |
|  | string | | 需要更换的配件明细（型号，名称，数量）（暂时无法做查询） | | 否 |
| 返回参数明细 | | | | | |
| 参数 | 描述 | | | | |
| 返回通用格式 | | | | | |
| 参数 | 类型 | | 描述 | | |
| state | string | | 接收主数据信息是否成功，S=成功，E=失败 | | |
| message | string | | 查询成功/查询失败 | | |
|  |  | |  | | |
| 示例 | | | | | |
| 请求示例 | | | 返回示例 | | |
| {  "system":"CRM",  "systemCode":"QMS-CRM-0002",  "data":[ {  "sale\_company":"西南销售公司",  "customer":"(新疆)温宿县博孜墩煤矿",  "product\_type":"采煤机",  "qa\_type":"机械",  "model":"MG250/600-QWD",  "sale\_code":"出厂编号0001",  "error\_date":"2022-12-04,2022-12-06",  "repair\_date":"2022-12-04,2022-12-18",  "after\_saler":"SH20495",  "customer\_user":"客户联系人",  "error\_info": "故障描述"  }]  } | | | 查询成功：  {  "jsonrpc": "2.0",  "id": null,  "result": {  "state": "S",  "message": "查询成功",  "result": [  {  "id": 1,  "sale\_company\_id": "西南销售公司",  "customer\_company\_name": "(新疆)温宿县博孜墩煤矿",  "product\_id": "采煤机",  "qa\_type": "机械",  "product\_model": " MG250/600-QWD ",  "sale\_code": "出厂编号0001",  "work\_error\_date": "2022-12-05",  "work\_error\_info": "故障描述",  "manager\_id": "",  "after\_saler\_ids": [  "丁会江"  ],  "customer\_user\_name": "客户联系人",  "customer\_user\_phone": "12345678910",  "shmk\_leads\_process": [  {  "shmk\_leads\_order\_id": 1,  "salesman\_id": "Administrator",  "begin\_date": "2023-01-24",  "end\_date": "2023-01-23",  "work\_space": "上海普陀",  "note": "处理完成",  "is\_loan": false  },  {  "shmk\_leads\_order\_id": 1,  "salesman\_id": "Administrator",  "begin\_date": "2023-01-25",  "end\_date": "2023-01-23",  "work\_space": "上海嘉定",  "note": "处理完成",  "is\_loan": false  },  {  "shmk\_leads\_order\_id": 1,  "salesman\_id": "Administrator",  "begin\_date": "2022-12-14",  "end\_date": "2023-02-01",  "work\_space": "上海长宁",  "note": "处理完成",  "is\_loan": false  }  ],  "shmk\_leads\_spare\_part": [  {  "shmk\_leads\_order\_id": 1,  "approve\_user\_id": "Administrator",  "approve\_date": "2023-01-04",  "spare\_part\_name": "采煤机备件",  "spare\_part\_model": "12321",  "spare\_part\_qty": "1",  "demand\_date": "2023-01-30",  "note": "备注信息1"  },  {  "shmk\_leads\_order\_id": 1,  "approve\_user\_id": "Administrator",  "approve\_date": "2023-01-04",  "spare\_part\_name": "采煤机备件2",  "spare\_part\_model": "12322",  "spare\_part\_qty": "1",  "demand\_date": "2023-01-26",  "note": "备注信息2"  }  ]  }  ]  }  }  查询失败：  {  "jsonrpc": "2.0",  "id": null,  "result": {  "state": "E",  "message": "查询失败"  }  } | | |