

# Client 客户

考虑到开发的方便性，以及客户主要针对的是车这一主体。该模块已将原先的 Client 和 Car 合并。前台请抓紧修改

字段定义：

```

/**车牌号*/
private String carNo;
/**车品牌，数据字典*/
private String carBrand;
/**车型*/
private String carModel;
/**底盘号*/
private String carVIN;
/**车身颜色*/
private String carColor;
/**发动机号*/
private String engineNo;
/**保险公司*/
private String insurer;
/**保险到期时间*/
private Date insuranceEndtime;
/**上牌日期*/
private Date registrationDate;
/**所属门店*/
private String company;

/**客户姓名*/
private String name;
/**客户性别（true为男，false为女）*/
private Boolean sex;
/**身份证*/
private String idcard;
/**客户类别，数据字典*/
private String type;
/**客户级别，数据字典*/
private String level;
/**邮箱*/
private String email;
/**手机*/
private String mobile;
/**地址*/
private String address;
/**备注*/
private String description;
/**创建时间*/
//@JsonFormat(pattern = "yyyy-MM-dd HH:mm:ss") //若已设置全局json解析date格式配置，则不需要该注解
private Date createTime;
/**更新时间*/
//@JsonFormat(pattern = "yyyy-MM-dd HH:mm:ss")
private Date updateTime;
/**软删除标志*/
private Boolean isDeleted;

```

## 新增测试成功json

```
{
  "carNo": "carNo",
  "carBrand": "1",
  "carModel": "carModel",
  "carVIN": "carVIN",
  "carColor": "carColor",
  "engineNo": "engineNo",
  "insurer": "insurer",
  "company": "1",
  "name": "name",
  "sex": false,
  "idcard": "idcard",
  "type": "1",
  "level": "1",
  "email": "email",
  "mobile": "mobile",
  "address": "address",
  "description": "description",
  "isDeleted": 0,
}
```

## LookupDefinition 数据字典定义

为区分普通数据字典定义和树状数据结构的数据字典定义，新增了 `type` 这一字段，具体信息在字段定义中

字段定义：

```
/**数据字典定义code*/  
private String code;  
/**数据字典定义名称*/  
private String name;  
/**数据字典定义类型，0为普通，1为树结构*/  
private String type;  
/**数据字典定义描述*/  
private String description;  
/**创建时间*/  
private Date createTime;  
/**更新时间*/  
private Date updateTime;  
/**软删除标志*/  
private Boolean isDeleted;
```

## Lookup 数据字典

当新增的数据字典为树状类型时，需要额外填写“父节点”这一属性信息。父节点即为已经存在的该类型的数据字典

字段定义：

```
/**最大层级*/
public static int maxLevel = 7;
/**数据字典定义id*/
private String definitionId;
/**数据字典code*/
private String code;
/**数据字典value*/
private String value;
/**描述*/
private String description;
/**附加内容*/
private String additional;
/**父节点id*/
private String parentId;
/**节点层级*/
private Integer zzLevel;
/**是否叶子节点*/
private Boolean zzIsLeaf;
/**一级父节点*/
private String zzLevel1Id;
/**二级父节点*/
private String zzLevel2Id;
/**三级父节点*/
private String zzLevel3Id;
/**四级父节点*/
private String zzLevel4Id;
/**五级父节点*/
private String zzLevel5Id;
/**六级父节点*/
private String zzLevel6Id;
```

## 获取树状结构json

URL: [http://localhost:8090/supercar/lookup/getTree?lookupDefineCode=part\\_type](http://localhost:8090/supercar/lookup/getTree?lookupDefineCode=part_type)

说明: GET方式, 传数据字典定义code

返回Json:

```
"id": "192E16F8EA434E029E7911BF9770A504",
  "label": "level1-level1",
  "children": [{
    "id": "E008329ECEE041D3A69464C969E9286D",
    "label": "level2-level2",
    "children": [{
      "id": "12662744B75A48B8B58258E6F7DC8E78",
      "label": "level3-level3",
      "children": []
    }],
  },
  {
    "id": "9C37D098242D49268F305D2133DD7D65",
    "label": "level3_2-level3_2",
    "children": []
  }
}]
```

## Part 配件

字段定义：

```
/** 配件编号 */
private String code;

/** 配件名称 */
private String name;

/** 单位 ， 数据字典外键*/
private String unitLookup;

/** 销售价 */
private Double sale;

/** 批发价 */
private Double wholeSale;

/** 产地 */
private String produceArea;

/** 规格，数据字典外键 */
private String specificationLookup;

/** 适用车型 */
private String carModel;

/** 分类 ， 数据字典*/
private String pCategoryLookup;

/** 创建日期 */
private Date createTime;

/** 更新日期 */
private Date updateTime;

/** 软删除标志 */
private Byte isDeleted;

/** 禁用标志 */
private Byte isDisable;
```

新增测试成功**json**

```
{
  "code": "code",
  "name": "name",
  "unitLookup": "1",
  "produceArea": "produceArea",
  "specificationLookup": "1",
  "carModel": "carModel",
  "pCategoryLookup": "1"
}
```

## 分页查询返回json

```
{
  "success": true,
  "errorNo": "",
  "errorMsg": "",
  "data": {
    "page": {
      "content": [{
        "id": "3A9A0BE24BD14C5999C3F74533D8C769",
        "code": "code",
        "name": "name",
        "unitLookup": "1",
        "sale": null,
        "wholeSale": null,
        "produceArea": "produceArea",
        "specificationLookup": "1",
        "carModel": "carModel\r\n\r\n\r\n\r\n",
        "createTime": null,
        "updateTime": null,
        "isDeleted": 0,
        "isDisable": 0,
        "pcategoryLookup": "1"
      }],
      "number": 0,
      "size": 10,
      "sort": {},
      "lastPage": true,
      "totalElements": 1,
      "firstPage": true,
      "totalPages": 1,
      "numberOfElements": 1
    }
  }
}
```



# Inventory 库存

字段定义:

```
/** 配件id */
private String partId;

/** 配件库存数目 */
private Integer count;

/** 进货价 */
private Double cost;

/** 供应商, 数据字典外键 */
private String supplierLookup;

/** 所属门店,外键 */
private String company;

/** 库位号code, 数据字典外键 */
private String repCodeLookup;

/** 软删除标志 */
private Boolean isDeleted;
```

新增测试成功**json**

```
{
  "partId": "3A9A0BE24BD14C5999C3F74533D8C769",
  "count": 1,
  "supplierLookup": "1",
  "company": "1",
  "repCodeLookup": "1",
  "isDeleted": false
}
```

分页查询返回**json**

```
{
  "success": true,
  "errorNo": "",
  "errorMsg": "",
  "data": {
    "page": {
      "content": [{
        "id": "274E85D5ECF843BEA5DA00DAC95B149B",
        "partId": "3A9A0BE24BD14C5999C3F74533D8C769",
        "count": 1,
        "cost": null,
        "supplierLookup": "1",
        "company": "1",
        "repCodeLookup": "1",
        "isDeleted": false
      }],
      "number": 0,
      "size": 10,
      "sort": {},
      "lastPage": true,
      "totalElements": 1,
      "firstPage": true,
      "totalPages": 1,
      "numberOfElements": 1
    }
  }
}
```

## inpart 入库

字段定义：

```

//=====入库工单=====
/** 入库单号 */
private String workOrderNo;

/** 入库时间 */
private Date inTime;

/** 结算方式, 数据字典 */
private String payMethhodLK;

/** 供应商, 数据字典外键 */
private String supplierLK;

/** 合计金额 */
private Double sum;

/** 所属门店 */
private String company;

/** 软删除标志 */
private Boolean isDeleted;

//=====入库工单配件=====
/** 入库单号 */
private String workOrderNo;

/** 配件id,外键 */
private String partId;

/** 配件入库数目 */
private Integer count;

/** 进货价 */
private Long cost;

/** 供应商, 数据字典外键 */
private String supplierLK;

/** 库位号code, 数据字典外键 */
private String repositoryCodeLK;

/** 软删除标志 */
private Boolean isDeleted;

```

新增测试成功**json**

URL: `baseurl/inPart/newInPart`

说明: 传一个组合对象, 格式如下:

```
{
  "inPart": {
    "workOrderNo": "1",
    "payMethhodLK": "1",
    "supplierLK": "1",
    "company": "1",
    "isDeleted": false
  },
  "inpartInfos": [{
    "workOrderNo": "1",
    "partId": "3A9A0BE24BD14C5999C3F74533D8C769",
    "count": 1,
    "supplierLK": "1",
    "repositoryCodeLK": "1",
    "isDeleted": false
  },
  {
    "workOrderNo": "1",
    "partId": "3A9A0BE24BD14C5999C3F74533D8C769",
    "count": 1,
    "supplierLK": "1",
    "repositoryCodeLK": "1",
    "isDeleted": false
  }
}]
}
```

## 分页查询返回json

```
{
  "success": true,
  "errorNo": "",
  "errorMsg": "",
  "data": {
    "page": {
      "content": [{
        "workOrderNo": "1",
        "inTime": null,
        "payMethhodLK": "1",
        "supplierLK": "1",
        "sum": null,
        "company": "1",
        "isDeleted": false,
        "id": "C8078E98CB7A496FB81644C562D94F95"
      }],
      "number": 0,
      "size": 10,
      "sort": {},
      "numberOfElements": 1,
      "totalElements": 1,
      "firstPage": true,
      "totalPages": 1,
      "lastPage": true
    }
  }
}
```

## 详细查询结果（即查询入库工单配件）

URL: <http://localhost:8090/supercar/inPart/getInPartInfos?inWorkOrderNo=1>

说明: GET 方式, 传入库工单号, 查看该工单的入库配件列表信息

```
{
  "success": true,
  "errorNo": "",
  "errorMsg": "",
  "data": {
    "page": {
      "content": [{
        "workOrderNo": "1",
        "partId": "3A9A0BE24BD14C5999C3F74533D8C769",
        "count": 1,
        "cost": null,
        "supplierLK": "1",
        "repositoryCodeLK": "1",
        "isDeleted": false,
        "id": "CAB55CE3EFD44BF0BE528C15A95D296C"
      }, {
        "workOrderNo": "1",
        "partId": "3A9A0BE24BD14C5999C3F74533D8C769",
        "count": 1,
        "cost": null,
        "supplierLK": "1",
        "repositoryCodeLK": "1",
        "isDeleted": false,
        "id": "F9B02519D7444A599B1B20D303818CB8"
      }],
      "number": 0,
      "size": 10,
      "sort": {},
      "numberOfElements": 2,
      "lastPage": true,
      "totalPages": 1,
      "totalElements": 2,
      "firstPage": true
    }
  }
}
```

## 删除入库工单

URL: `http://localhost:8090/supercar/inPart/removeInPart?id=1`

说明: `GET` 方式, 传入库工单id, 将级联软删除工单配件

## 批量删除入库工单

URL: `http://localhost:8090/supercar/inPart/removeInPart?ids=1,2`

说明: GET 方式, 传入库工单ids,将级联软删除工单配件