

路由参数

分页

- **page** 指定页码
- **per_page** 每页显示条数

`http://192.168.1.193/api/baseinfo/items?page=2&per_page=15`

```
{
  "items": [...],
  "meta": {
    "total": 245,
    "current_page": 2,
    "per_page": 15
  }
}
```

获取所有列表数据目前是传的per_page=100000

`http://192.168.1.183/api/baseinfo/items?per_page=100000`

```
{
  "items": [...],
  "meta": {
    "total": 245,
    "current_page": 1,
    "per_page": 100000 // 分页大小传这个值, 替代原来的size=0
  }
}
```

字段排序

- **sort_fields** 排序字段(可以是主表中任意字段)
- **sort_direc** 排序方式(asc, desc)

`http://192.168.1.193/api/baseinfo/items?sort_fields=id&sort_direc=asc`

时间筛选

- **start_time** 起始时间(时间戳)
- **end_time** 结束时间(时间戳)

`http://192.168.1.193/api/baseinfo/items?start_time=1517883592&end_time=1517884066`

模糊查询

- **search** 要检索的内容

?search=[要检索的内容]

http://192.168.1.193/api/baseinfo/items?search=66

```
{
  "items": [
    {
      "id": 285,
      "name": "666法国dd",
      "sex": 1,
      "res_type": 2,
      "type_id": 23,
      "created_at": "1516356377",
      "updated_at": "1517809710",
      "status": 1,
      "operator": "李四",
      "code": null,
      "default_res_id": 309,
      "pinyin_code": null,
      "wubi_code": null,
      "remark": "fsdafd",
      "report_name": "放松放松的",
      "is_show_name": 1,
      "brief_summary": 2,
      "is_positive": null,
      "sort": 221,
      "en_abbr": "会更好个",
      "displayed_rows": 2,
      "min_val": "12.0000",
      "max_val": "12.0000",
      "low_limit_man": "1.0000",
      "upper_limit_man": "2.0000",
      "low_limit_woman": "1.0000",
      "upper_limit_woman": "2.0000",
      "unit": "d",
      "low_side": 1,
      "high_side": 1,
      "reference_rule": {
        "left": 3,
        "right": 2
      },
    },
    "is_has_summary": 0,
    "type": {
      "id": 23,
      "name": "前端小哥x2",
      "remark": "",
      "created_at": "1511686659",
      "updated_at": "1516588028",
      "status": 1,
      "code": "bn-12121",
      "operator": "4",
      "pinyin_code": null,
      "wubi_code": null,
      "is_show_range": null,
      "sort": 169,
      "item_class": 0
    }
  ],
}
```

- **fields** 显示部分字段

如果只显示部分的数据, 可以使用filters参数进行限定只返回的字段(字段之间用逗号隔开), 如 filters=id,name

http://192.168.1.193/api/baseinfo/items?search=66&fields=id,name

```
{
  "items": [
    {
      "id": 285,
      "name": "666法国dd"
    },
    {
      "id": 98,
      "name": "666666"
    }
  ],
  "meta": {
    "total": 2,
    "current_page": 1,
    "per_page": 20
  }
}
```

- **search_fields** 自定义可检索字段

默认情况下我们提供了界面搜索框里需要搜索的字段比如name,code.

如果要搜索operator, 可以配合search进行传参, 比如现在要搜索最后修改人为李四,

可以这样传参: ?search=李四&search_field=operator

多个检索字段间用 ", " 隔开

http://192.168.1.193/api/baseinfo/items?search=李四&search_fields=operator

```
{
  "items": [
    {
      "id": 332,
      "name": "fdfd",
      "sex": 1,
      "res_type": 1,
      "type_id": 26,
      "created_at": "1517884066",
      "updated_at": "1517884066",
      "status": 1,
      "operator": "李四",
      "code": null,
      ...
      // 省略
    }
  ]
}
```

[配合fields参数只取部分数据, 现在只要name,operator]

http://192.168.1.193/api/baseinfo/items?search=李四&search_fields=operator&fields=name,operator

```
{
  "items": [
    {
      "name": "fdfd",
      "operator": "李四"
    },
    {
      "name": "大方豆腐",

```

```

        "operator": "李四"
    },
    ...
    // 省略

```

- **search_fields** 的扩展

如果存在对关联数据中的字段进行检索可以在search_fields中指定
 比如：在路由上定义可以搜索和单项关联的类别的名字为search中的内容
 ?search=内科&search_fields=type.name

type 为与单项的关联的项目类别
name 项目类别的字段

```

http://192.168.1.193/api/baseinfo/items?search=内科&search_fields=type.name
{
  "items": [
    {
      "id": 314,
      "name": "你的名字",
      ...
      // 省略
      "type": {
        "id": 1,
        "name": "内科类**",
        "remark": "简介阿萨德阿萨德阿萨德as阿萨德",
        "created_at": "1508807837",
        "updated_at": "1516272683",
        "status": 1,
        "code": "",
        "operator": "4",
        "pinyin_code": null,
        "wubi_code": null,
        "is_show_range": null,
        "sort": 1,
        "item_class": 0
      }
    },
    ...
  ]
}

```

注意: 现在search_fields参数和fields参数不能同时传, fields参数会不起作用

条件筛选

- **filters:** 筛选条件

以前要筛选的字段是直接放在路由上的，是像这样子 ?type_id=1,2&status=1
 但是现在要改成这样子 ?filters=type_id:1,2;status:1
 多个字段间条件为"与"，分割符为 ";" 字段筛选值 "type_id=1,2" => "type_id:1,2"

```

http://192.168.1.193/api/baseinfo/items?filters=type_id:1,2:status:1&fields=type_id,name
// 方便示例加上了fields取小片数据
{
  "items": [
    {
      "type_id": 1,
      ...
    },
    ...
  ]
}

```

```

        "name": "你的名字"
    },
    {
        "type_id": 2,
        "name": "欸SW中"
    },
    {
        "type_id": 2,
        "name": "欸ssw中"
    },
    {
        "type_id": 2,
        "name": "欸中"
    },
    {
        "type_id": 1,
        "name": "身高"
    },
    {
        "type_id": 2,
        "name": "AJ.vender"
    },
    ...
// 省略

```

关联数据的展示

- **with** 选择展示相关联的数据

这里一项目类别为例子，一个项目类别下多个单项或者组合项
 在界面上我们有单项和组合的管理页面，它的左侧是个树形菜单
 要所有类别下的单项或组合，但是我们的获取所有单项类别中并没有返回和它相关的任何数据

<http://192.168.1.193/api/baseinfo/item-types>

```

{
    "items": [
        {
            "id": 37,
            "name": "h",
            "remark": null,
            "created_at": "1511934784",
            "updated_at": "1517453531",
            "status": 1,
            "code": "777",
            "operater": "4",
            "pinyin_code": null,
            "wubi_code": null,
            "is_show_range": null,
            "sort": 147,
            "item_class": 0
        },
        {
            "id": 36,
            "name": "s",
            "remark": "",
            "created_at": "1511934738",
            "updated_at": "1517453528",

```

```

        "status": 1,
        "code": null,
        "operator": "4",
        "pinyin_code": null,
        "wubi_code": null,
        "is_show_range": null,
        "sort": 146,
        "item_class": 0
    },
    ...

```

// 省略

所以在单项维护界面获取项目类别下的单项

<http://192.168.1.193/api/baseinfo/item-types?with=items:id,name>

```

{
    "items": [
        {
            "id": 37,
            "name": "h",
            "remark": null,
            "created_at": "1511934784",
            "updated_at": "1517453531",
            "status": 1,
            "code": "777",
            "operator": "4",
            "pinyin_code": null,
            "wubi_code": null,
            "is_show_range": null,
            "sort": 147,
            "item_class": 0,
            "items": [
                {
                    "id": 1,
                    "name": "entswity",
                    "type_id": 37
                },
                {
                    "id": 2,
                    "name": "FOF",
                    "type_id": 37
                }
            ]
        }
    ]
}

```

在组合维护界面获取项目类别下的组合

<http://192.168.1.193/api/baseinfo/item-types?with=groupItems:id,name>

```

{
    "items": [
        {
            "id": 37,
            "name": "h",
            "remark": null,
            "created_at": "1511934784",
            "updated_at": "1517453531",
            "status": 1,
            "code": "777",
            "operator": "4",
            "pinyin_code": null,
            "wubi_code": null,
            "is_show_range": null,
            "sort": 147,
            "item_class": 0,
            "group_items": [

```

```

    {
        "id": 168,
        "name": "去吧皮卡丘",
        "item_type_id": 37
    },
    {
        "id": 173,
        "name": "神经系统A（女）",
        "item_type_id": 37
    },
    {
        "id": 177,
        "name": "神经系统B（女）",
        "item_type_id": 37
    },
    {
        "id": 178,
        "name": "免疫功能",
        "item_type_id": 37
    },
    {
        "id": 179,
        "name": "血常规检查",
        "item_type_id": 37
    }
]
},
{
    "id": 36,
    ...
    // 省略

```

注意: 现在with参数和fields参数不能同时传