# 数据中心（datacenter）:

## GET: show

url: /assets/datacenters/uuid

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:5000/assets/datacenters/1ec28ccf-5d96-45fb-9063-345766d2429e

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该datacenter的id(uuid4) |

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter | body | object | 一个 datacente对象 |
| id | body | string | uuid4 |
| datacenter\_name | body | string | 数据中心名称 |
| datacenter\_ename | body | string | 数据中心英文名称 |
| datacenter\_abbr | body | string | 数据中心简称 |
| address | body | string | 地址 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter": {

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"is\_active": true,

"remark": "Test Data Show Center"

}

}

## GET:list

url:/assets/datacenters/

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:5000/assets/datacenters/

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenters | body | object | 多个 datacenter对象的列表 |
| id | body | string | uuid4 |
| datacenter\_name | body | string | 数据中心名称 |
| datacenter\_ename | body | string | 数据中心英文名称 |
| datacenter\_abbr | body | string | 数据中心简称 |
| address | body | string | 地址 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenters": [

{

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"is\_active": true,

"remark": "Test Data Show Center"

},

{

"address": "test\_addr",

"datacenter\_abbr": "NTT",

"datacenter\_ename": "nantian-dc-test",

"datacenter\_name": "南天数据中心测试",

"id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"is\_active": true,

"remark": "Test Data Test Center"

}

]

}

## POST:

url:/assets/datacenters/

Normal response codes: 201

Error response codes: 404,500

example:

### 单个资源：

request:

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenters | body | object | 是 | 多个 datacenter对象的列表 |
| datacenter\_name | body | string | 是 | 数据中心名称 |
| datacenter\_ename | body | string | 是 | 数据中心英文名称 |
| datacenter\_abbr | body | string | 是 | 数据中心简称 |
| address | body | string | 是 | 地址 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

url : http://127.0.0.1:5000/assets/datacenters/

body:

{

"datacenter": {

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"is\_active": true,

"remark": "Test Data Show Center"

}

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter | body | object | 一个 datacente对象 |
| id | body | string | uuid4 |
| datacenter\_name | body | string | 数据中心名称 |
| datacenter\_ename | body | string | 数据中心英文名称 |
| datacenter\_abbr | body | string | 数据中心简称 |
| address | body | string | 地址 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter": {

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"is\_active": true,

"remark": "Test Data Show Center"

}

}

### 批量创建：

request:

url : http://127.0.0.1:5000/assets/datacenters/

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenters | body | object | 是 | 多个 datacenter对象的列表 |
| datacenter\_name | body | string | 是 | 数据中心名称 |
| datacenter\_ename | body | string | 是 | 数据中心英文名称 |
| datacenter\_abbr | body | string | 是 | 数据中心简称 |
| address | body | string | 是 | 地址 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"datacenters": [

{

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"is\_active": true,

"remark": "Test Data Show Center"

},

{

"address": "test\_addr",

"datacenter\_abbr": "NTT",

"datacenter\_ename": "nantian-dc-test",

"datacenter\_name": "南天数据中心测试",

"is\_active": true,

"remark": "Test Data Test Center"

}

]

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenters | body | object | 多个 datacenter对象的列表 |
| id | body | string | uuid4 |
| datacenter\_name | body | string | 数据中心名称 |
| datacenter\_ename | body | string | 数据中心英文名称 |
| datacenter\_abbr | body | string | 数据中心简称 |
| address | body | string | 地址 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenters": [

{

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"is\_active": true,

"remark": "Test Data Show Center"

},

{

"address": "test\_addr",

"datacenter\_abbr": "NTT",

"datacenter\_ename": "nantian-dc-test",

"datacenter\_name": "南天数据中心测试",

"id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"is\_active": true,

"remark": "Test Data Test Center"

}

]

}

## DELETE ：

url: /assets/datacenters/uuid

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:5000/assets/datacenters/1ec28ccf-5d96-45fb-9063-345766d2429e

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该datacenter的id(uuid4) |

response:

## PUT:

url:/assests/datacenters/uuid

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:5000/assets/datacenters/1ec28ccf-5d96-45fb-9063-345766d2429e

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenter | body | object | 是 | 一个 datacenter对象 |
| datacenter\_name | body | string | 否 | 数据中心名称 |
| datacenter\_ename | body | string | 否 | 数据中心英文名称 |
| datacenter\_abbr | body | string | 否 | 数据中心简称 |
| address | body | string | 否 | 地址 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"datacenter": {

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"is\_active": true,

"remark": "Test Data Show Center1"

}

response:

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter | body | object | 一个 datacente对象 |
| id | body | string | uuid4 |
| datacenter\_name | body | string | 数据中心名称 |
| datacenter\_ename | body | string | 数据中心英文名称 |
| datacenter\_abbr | body | string | 数据中心简称 |
| address | body | string | 地址 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter": {

"address": "test\_addr",

"datacenter\_abbr": "NTS",

"datacenter\_ename": "nantian-dc-show",

"datacenter\_name": "南天数据中心演示",

"id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"is\_active": true,

"remark": "Test Data Show Center1"

}

}

# 网络区域（netarea）:

## GET: show

url: /assets/netareas/uuid

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:5000/assets/netareas/67cade06-7431-484e-86ea-9584326e7211

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该netarea的id(uuid4) |

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| net\_area | body | object | 一个 net\_area对象 |
| id | body | string | uuid4 |
| area\_name | body | string | 区域名称 |
| area\_type | body | string | 区域类型ID |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"net\_area": {

"area\_name": "核心A区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"id": "67cade06-7431-484e-86ea-9584326e7211",

"is\_active": true,

"remark": "总行核心A区"

}

}

## GET:list

url:/assets/netareas/

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:5000/assets/netareas/

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| net\_areas | body | object | 多个net\_area对象组成的列表 |
| id | body | string | uuid4 |
| area\_name | body | string | 区域名称 |
| area\_type | body | string | 区域类型ID |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"net\_areas": [

{

"area\_name": "核心A区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"id": "67cade06-7431-484e-86ea-9584326e7211",

"is\_active": true,

"remark": "总行核心A区"

},

{

"area\_name": "核心B区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"id": "e1b8457c-35bc-4513-a7c7-fc76e513070b",

"is\_active": true,

"remark": "总行核心B区"

}

]

}

## POST:

url:/assets/netareas/

Normal response codes: 201

Error response codes: 404,500

example:

### 单个资源：

request:

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| net\_area | body | object | 是 | 一个 net\_area对象 |
| area\_name | body | string | 是 | 区域名称 |
| area\_type | body | string | 是 | 区域类型ID |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

url : http://127.0.0.1:5000/assets/netareas/

body:

{

"net\_area": {

"area\_name": "核心A区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"is\_active": true,

"remark": "总行核心A区"

}

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| net\_area | body | object | 一个 net\_area对象 |
| id | body | string | uuid4 |
| area\_name | body | string | 区域名称 |
| area\_type | body | string | 区域类型ID |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"net\_area": {

"area\_name": "核心A区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"id": "67cade06-7431-484e-86ea-9584326e7211",

"is\_active": true,

"remark": "总行核心A区"

}

}

### 批量创建：

request:

url : http://127.0.0.1:5000/assets/netareas/

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| net\_areas | body | object | 是 | 多个 net\_area对象的列表 |
| area\_name | body | string | 是 | 区域名称 |
| area\_type | body | string | 是 | 区域类型ID |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"net\_areas": [

{

"area\_name": "核心B区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"is\_active": true,

"remark": "总行核心B区"

}

]

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| net\_areas | body | object | 多个net\_area对象组成的列表 |
| id | body | string | uuid4 |
| area\_name | body | string | 区域名称 |
| area\_type | body | string | 区域类型ID |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"net\_areas": [ {

"area\_name": "核心B区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"id": "e1b8457c-35bc-4513-a7c7-fc76e513070b",

"is\_active": true,

"remark": "总行核心B区"

}]

}

## DELETE ：

url: /assets/netareas/uuid

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:5000/assets/netareas/e1b8457c-35bc-4513-a7c7-fc76e513070b

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该net\_area的id(uuid4) |

response:

## PUT:

url:/assests/netareas/uuid

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:5000/assets/netareas/203c82e1-d216-48ef-9407-15309b0adf44

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| net\_area | body | object | 是 | 一个 net\_area对象 |
| area\_name | body | string | 否 | 区域名称 |
| area\_type | body | string | 否 | 区域类型ID |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"net\_area": {

"area\_name": "核心A区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"is\_active": true,

"remark": "总行核心A区put"

}

}

response:

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| net\_area | body | object | 一个 net\_area对象 |
| id | body | string | uuid4 |
| area\_name | body | string | 区域名称 |
| area\_type | body | string | 区域类型ID |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"net\_area": {

"area\_name": "核心A区",

"area\_type": "203c82e1-d216-48ef-9407-15309b0adf44",

"id": "67cade06-7431-484e-86ea-9584326e7211",

"is\_active": true,

"remark": "总行核心A区put"

}

}

# 数据中心楼宇（building）:

## GET: show

url: /assets/buildings/uuid

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:5000/assets/buildings/5a00c198-5032-467a-b0b5-d42359b7e61e

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该datacenter\_building的id(uuid4) |

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_building | body | object | 一个 datacenter\_building对象 |
| id | body | string | uuid4 |
| bdg\_name | body | string | 楼座名称 |
| datacenter\_id | body | string | 数据中心id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_building": {

"bdg\_name": "A",

"datacenter\_id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"id": "5a00c198-5032-467a-b0b5-d42359b7e61e",

"is\_active": true,

"remark": "test001"

}

}

## GET:list

url:/assets/buildings/

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:5000/assets/buildings/

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_buildings | body | object | 多个datacenter\_building对象组成的列表 |
| id | body | string | uuid4 |
| bdg\_name | body | string | 楼座名称 |
| datacenter\_id | body | string | 数据中心id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_buildings": [

{

"bdg\_name": "B",

"datacenter\_id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"id": "781ac294-2911-44cb-b30f-1af7abda4724",

"is\_active": true,

"remark": "test002"

},

{

"bdg\_name": "A",

"datacenter\_id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"id": "f5dd991f-67b8-40f7-8570-060102633de9",

"is\_active": true,

"remark": "test003"

},

{

"bdg\_name": "A",

"datacenter\_id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"id": "5a00c198-5032-467a-b0b5-d42359b7e61e",

"is\_active": true,

"remark": "test001"

}

]

}

## POST:

url:/assets/buildings/

Normal response codes: 201

Error response codes: 404,500

example:

### 单个资源：

request:

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenter\_building | body | object | 是 | 一个 datacenter\_building对象 |
| bdg\_name | body | string | 是 | 楼座名称 |
| datacenter\_id | body | string | 是 | 数据中心id |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

url : http://127.0.0.1:5000/assets/buildings/

body:

{

"datacenter\_building": {

"bdg\_name": "A",

"datacenter\_id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"is\_active": true,

"remark": "test001"

}

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_building | body | object | 一个 datacenter\_building对象 |
| id | body | string | uuid4 |
| bdg\_name | body | string | 楼座名称 |
| datacenter\_id | body | string | 数据中心id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_building": {

"bdg\_name": "A",

"datacenter\_id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"id": "5a00c198-5032-467a-b0b5-d42359b7e61e",

"is\_active": true,

"remark": "test001"

}

}

### 批量创建：

request:

url : http://127.0.0.1:5000/assets/buildings/

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| net\_areas | body | object | 是 | 多个 net\_area对象的列表 |
| area\_name | body | string | 是 | 区域名称 |
| area\_type | body | string | 是 | 区域类型ID |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"datacenter\_buildings": [

{

"bdg\_name": "B",

"datacenter\_id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"is\_active": true,

"remark": "test002"

},

{

"bdg\_name": "A",

"datacenter\_id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"is\_active": true,

"remark": "test003"

} ]

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_buildings | body | object | 多个datacenter\_building对象组成的列表 |
| id | body | string | uuid4 |
| bdg\_name | body | string | 楼座名称 |
| datacenter\_id | body | string | 数据中心id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_buildings": [

{

"bdg\_name": "B",

"datacenter\_id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"id": "781ac294-2911-44cb-b30f-1af7abda4724",

"is\_active": true,

"remark": "test002"

},

{

"bdg\_name": "A",

"datacenter\_id": "1ec28ccf-5d96-45fb-9063-345766d2429e",

"id": "f5dd991f-67b8-40f7-8570-060102633de9",

"is\_active": true,

"remark": "test003"

} ]

}

## DELETE ：

url: /assets/buildings/uuid

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:5000/assets/buildings/5a00c198-5032-467a-b0b5-d42359b7e61e

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该datacenter\_building的id(uuid4) |

response:

## PUT:

url:/assests/buildings/uuid

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:5000/assets/buildings/5a00c198-5032-467a-b0b5-d42359b7e61e

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenter\_building | body | object | 是 | 一个 datacenter\_building对象 |
| bdg\_name | body | string | 否 | 楼座名称 |
| datacenter\_id | body | string | 否 | 数据中心id |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"datacenter\_building": {

"bdg\_name": "A",

"datacenter\_id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"is\_active": true,

"remark": "test001put"

}

}

response:

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| net\_area | body | object | 一个 net\_area对象 |
| id | body | string | uuid4 |
| area\_name | body | string | 区域名称 |
| area\_type | body | string | 区域类型ID |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_building": {

"bdg\_name": "A",

"datacenter\_id": "376a0ebb-705c-4086-895c-17b030d1ce0a",

"id": "5a00c198-5032-467a-b0b5-d42359b7e61e",

"is\_active": true,

"remark": "test001put"

}

}

# 机房（room）:

## GET: show

url: /assets/rooms/uuid

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:5000/assets/rooms/5a00c198-5032-467a-b0b5-d42359b7e61e

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该datacenter\_room的id(uuid4) |

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_room | body | object | 一个 datacenter\_room对象 |
| id | body | string | uuid4 |
| room\_name | body | string | 机房名称 |
| building\_id | body | string | 楼座id |
| room\_no | body | string | 机房号 |
| room\_unit | body | string | 机房责任单位\_id |
| room\_dep | body | string | 机房责任部门\_id |
| room\_charger | body | string | 机房责任人\_id |
| room\_type | body | string | 机房类型ID |
| plan\_weight | body | numeric | 规划机房承重 |
| app\_weight | body | numeric | 已用机房承重 |
| plan\_power | body | numeric | 规划机房功率 |
| app\_power | body | numeric | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 已用制冷容量 |
| plan\_cabinet | body | numeric | 规划机柜数 |
| app\_cabinet | body | numeric | 已用机柜数 |
| plan\_area | body | numeric | 使用面积 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_room": {

"plan\_cabinet": 333,

"app\_power": 30,

"room\_unit": "room002",

"is\_active": true,

"plan\_pefrigrate": 10000,

"app\_pefrigrate": 33333,

"remark": "天堂",

"app\_cabinet": 10,

"room\_charger": "who",

"plan\_weight": 2222,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"room\_dep": "data center",

"id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"app\_weight": 10085,

"plan\_area": 42342,

"state": "9999",

"room\_no": "room002",

"room\_name": "test\_room",

"plan\_power": 234234

}

}

## GET:list

url:/assets/rooms/

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:5000/assets/rooms/

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_rooms | body | object | 多个 datacenter\_room对象的列表 |
| id | body | string | uuid4 |
| room\_name | body | string | 机房名称 |
| building\_id | body | string | 楼座id |
| room\_no | body | string | 机房号 |
| room\_unit | body | string | 机房责任单位\_id |
| room\_dep | body | string | 机房责任部门\_id |
| room\_charger | body | string | 机房责任人\_id |
| room\_type | body | string | 机房类型ID |
| plan\_weight | body | numeric | 规划机房承重 |
| app\_weight | body | numeric | 已用机房承重 |
| plan\_power | body | numeric | 规划机房功率 |
| app\_power | body | numeric | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 已用制冷容量 |
| plan\_cabinet | body | numeric | 规划机柜数 |
| app\_cabinet | body | numeric | 已用机柜数 |
| plan\_area | body | numeric | 使用面积 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_rooms": [

{

"plan\_cabinet": 333,

"app\_power": 30,

"room\_unit": "room002",

"is\_active": true,

"plan\_pefrigrate": 10000,

"app\_pefrigrate": 33333,

"remark": "天堂",

"app\_cabinet": 10,

"room\_charger": "who",

"plan\_weight": 2222,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"room\_dep": "data center",

"id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"app\_weight": 10085,

"plan\_area": 42342,

"state": "9999",

"room\_no": "room002",

"room\_name": "test\_room",

"plan\_power": 234234

}

]

}

## POST:

url:/assets/rooms/

Normal response codes: 201

Error response codes: 404,500

example:

### 单个资源：

request:

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenter\_room | body | object | 是 | 一个 datacenter\_room对象 |
| room\_name | body | string | 是 | 机房名称 |
| building\_id | body | string | 是 | 楼座id |
| room\_no | body | string | 是 | 机房号 |
| room\_unit | body | string | 否 | 机房责任单位\_id |
| room\_dep | body | string | 否 | 机房责任部门\_id |
| room\_charger | body | string | 否 | 机房责任人\_id |
| room\_type | body | string | 是 | 机房类型ID |
| plan\_weight | body | numeric | 否 | 规划机房承重 |
| app\_weight | body | numeric | 否 | 已用机房承重 |
| plan\_power | body | numeric | 否 | 规划机房功率 |
| app\_power | body | numeric | 否 | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 否 | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 否 | 已用制冷容量 |
| plan\_cabinet | body | numeric | 否 | 规划机柜数 |
| app\_cabinet | body | numeric | 否 | 已用机柜数 |
| plan\_area | body | numeric | 否 | 使用面积 |
| state | body | string | 否 | 状态 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

url : http://127.0.0.1:5000/assets/rooms/

body:

{

"datacenter\_room": {

"plan\_cabinet": 333,

"app\_power": 30,

"room\_unit": "room002",

"is\_active": true,

"plan\_pefrigrate": 10000,

"app\_pefrigrate": 33333,

"remark": "天堂",

"app\_cabinet": 10,

"room\_charger": "who",

"plan\_weight": 2222,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"room\_dep": "data center",

"app\_weight": 10085,

"plan\_area": 42342,

"state": "9999",

"room\_no": "room002",

"room\_name": "test\_room",

"plan\_power": 234234

}

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_room | body | object | 一个 datacenter\_room对象 |
| id | body | string | uuid4 |
| room\_name | body | string | 机房名称 |
| building\_id | body | string | 楼座id |
| room\_no | body | string | 机房号 |
| room\_unit | body | string | 机房责任单位\_id |
| room\_dep | body | string | 机房责任部门\_id |
| room\_charger | body | string | 机房责任人\_id |
| room\_type | body | string | 机房类型ID |
| plan\_weight | body | numeric | 规划机房承重 |
| app\_weight | body | numeric | 已用机房承重 |
| plan\_power | body | numeric | 规划机房功率 |
| app\_power | body | numeric | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 已用制冷容量 |
| plan\_cabinet | body | numeric | 规划机柜数 |
| app\_cabinet | body | numeric | 已用机柜数 |
| plan\_area | body | numeric | 使用面积 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_room": {

"plan\_cabinet": 333,

"app\_power": 30,

"room\_unit": "room002",

"is\_active": true,

"plan\_pefrigrate": 10000,

"app\_pefrigrate": 33333,

"remark": "天堂",

"app\_cabinet": 10,

"room\_charger": "who",

"plan\_weight": 2222,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"room\_dep": "data center",

"id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"app\_weight": 10085,

"plan\_area": 42342,

"state": "9999",

"room\_no": "room002",

"room\_name": "test\_room",

"plan\_power": 234234

}

}

### 批量创建：

request:

url : http://127.0.0.1:5000/assets/rooms/

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenter\_rooms | body | object | 是 | 多个 datacenter\_room对象的列表 |
| room\_name | body | string | 是 | 机房名称 |
| building\_id | body | string | 是 | 楼座id |
| room\_no | body | string | 是 | 机房号 |
| room\_unit | body | string | 否 | 机房责任单位\_id |
| room\_dep | body | string | 否 | 机房责任部门\_id |
| room\_charger | body | string | 否 | 机房责任人\_id |
| room\_type | body | string | 是 | 机房类型ID |
| plan\_weight | body | numeric | 否 | 规划机房承重 |
| app\_weight | body | numeric | 否 | 已用机房承重 |
| plan\_power | body | numeric | 否 | 规划机房功率 |
| app\_power | body | numeric | 否 | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 否 | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 否 | 已用制冷容量 |
| plan\_cabinet | body | numeric | 否 | 规划机柜数 |
| app\_cabinet | body | numeric | 否 | 已用机柜数 |
| plan\_area | body | numeric | 否 | 使用面积 |
| state | body | string | 否 | 状态 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"datacenter\_rooms": [

{

"plan\_cabinet": 333,

"app\_power": 30,

"room\_unit": "room002",

"is\_active": true,

"plan\_pefrigrate": 10000,

"app\_pefrigrate": 33333,

"remark": "天堂",

"app\_cabinet": 10,

"room\_charger": "who",

"plan\_weight": 2222,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"room\_dep": "data center",

"app\_weight": 10085,

"plan\_area": 42342,

"state": "9999",

"room\_no": "room002",

"room\_name": "test\_room",

"plan\_power": 234234

}

]

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_rooms | body | object | 多个 datacenter\_room对象的列表 |
| id | body | string | uuid4 |
| room\_name | body | string | 机房名称 |
| building\_id | body | string | 楼座id |
| room\_no | body | string | 机房号 |
| room\_unit | body | string | 机房责任单位\_id |
| room\_dep | body | string | 机房责任部门\_id |
| room\_charger | body | string | 机房责任人\_id |
| room\_type | body | string | 机房类型ID |
| plan\_weight | body | numeric | 规划机房承重 |
| app\_weight | body | numeric | 已用机房承重 |
| plan\_power | body | numeric | 规划机房功率 |
| app\_power | body | numeric | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 已用制冷容量 |
| plan\_cabinet | body | numeric | 规划机柜数 |
| app\_cabinet | body | numeric | 已用机柜数 |
| plan\_area | body | numeric | 使用面积 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_rooms": [

{

"plan\_cabinet": 333,

"app\_power": 30,

"room\_unit": "room002",

"is\_active": true,

"plan\_pefrigrate": 10000,

"app\_pefrigrate": 33333,

"remark": "天堂",

"app\_cabinet": 10,

"room\_charger": "who",

"plan\_weight": 2222,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"room\_dep": "data center",

"id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"app\_weight": 10085,

"plan\_area": 42342,

"state": "9999",

"room\_no": "room002",

"room\_name": "test\_room",

"plan\_power": 234234

}

]

}

## DELETE ：

url: /assets/rooms/uuid

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:5000/assets/rooms/51d07c19-e864-443e-8aab-3191ec84d94f

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该datacenter\_room的id(uuid4) |

response:

## PUT:

url:/assests/rooms/uuid

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:5000/assets/rooms/51d07c19-e864-443e-8aab-3191ec84d94f

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| datacenter\_room | body | object | 是 | 一个 datacenter\_room对象 |
| room\_name | body | string | 否 | 机房名称 |
| building\_id | body | string | 否 | 楼座id |
| room\_no | body | string | 否 | 机房号 |
| room\_unit | body | string | 否 | 机房责任单位\_id |
| room\_dep | body | string | 否 | 机房责任部门\_id |
| room\_charger | body | string | 否 | 机房责任人\_id |
| room\_type | body | string | 否 | 机房类型ID |
| plan\_weight | body | numeric | 否 | 规划机房承重 |
| app\_weight | body | numeric | 否 | 已用机房承重 |
| plan\_power | body | numeric | 否 | 规划机房功率 |
| app\_power | body | numeric | 否 | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 否 | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 否 | 已用制冷容量 |
| plan\_cabinet | body | numeric | 否 | 规划机柜数 |
| app\_cabinet | body | numeric | 否 | 已用机柜数 |
| plan\_area | body | numeric | 否 | 使用面积 |
| state | body | string | 否 | 状态 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"datacenter\_room": {

"state": "9999",

"app\_power": 30,

"room\_unit": "room002",

"remark": "天堂1",

"app\_cabinet": 10,

"plan\_weight": 2222,

"room\_charger": "who",

"room\_dep": "data center",

"is\_active": true,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"plan\_power": 234234,

"app\_weight": 10085,

"plan\_pefrigrate": 10000,

"room\_no": "room002",

"room\_name": "test\_room",

"app\_pefrigrate": 33333,

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"plan\_area": 42342,

"plan\_cabinet": 333

}

}

response:

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_room | body | object | 一个 datacenter\_room对象 |
| id | body | string | uuid4 |
| room\_name | body | string | 机房名称 |
| building\_id | body | string | 楼座id |
| room\_no | body | string | 机房号 |
| room\_unit | body | string | 机房责任单位\_id |
| room\_dep | body | string | 机房责任部门\_id |
| room\_charger | body | string | 机房责任人\_id |
| room\_type | body | string | 机房类型ID |
| plan\_weight | body | numeric | 规划机房承重 |
| app\_weight | body | numeric | 已用机房承重 |
| plan\_power | body | numeric | 规划机房功率 |
| app\_power | body | numeric | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 已用制冷容量 |
| plan\_cabinet | body | numeric | 规划机柜数 |
| app\_cabinet | body | numeric | 已用机柜数 |
| plan\_area | body | numeric | 使用面积 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"datacenter\_room": {

"state": "9999",

"app\_power": 30,

"room\_unit": "room002",

"remark": "天堂1",

"id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"app\_cabinet": 10,

"plan\_weight": 2222,

"room\_charger": "who",

"room\_dep": "data center",

"is\_active": true,

"room\_type": "03442981-f6fb-4890-8231-83fa5417c6c3",

"plan\_power": 234234,

"app\_weight": 10085,

"plan\_pefrigrate": 10000,

"room\_no": "room002",

"room\_name": "test\_room",

"app\_pefrigrate": 33333,

"building\_id": "781ac294-2911-44cb-b30f-1af7abda4724",

"plan\_area": 42342,

"plan\_cabinet": 333

}

}

# 机柜（cabinet）:

## GET: show

url: /assets/cabinets/uuid

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:5000/assets/cabinets/5a00c198-5032-467a-b0b5-d42359b7e61e

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该cabinet的id(uuid4) |

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinet | body | object | 一个 cabinet对象 |
| id | body | string | uuid4 |
| cabinet\_sn | body | string | 机柜序列号 |
| room\_id | body | string | 机房id |
| cabinet\_name | body | string | 机柜名称 |
| cabinet\_unit | body | string | 机柜责任单位\_id |
| cabinet\_dep | body | string | 机柜责任部门\_id |
| cabinet\_charger | body | string | 机柜责任人\_id |
| cabinet\_type | body | string | 机柜类型ID |
| plan\_weight | body | numeric | 规划机柜承重 |
| app\_weight | body | numeric | 已用机柜承重 |
| plan\_power | body | numeric | 规划机柜功率 |
| app\_power | body | numeric | 已用机柜功率 |
| plan\_u | body | numeric | 规划机柜U位 |
| app\_u | body | numeric | 已用机柜U位 |
| plan\_lightport | body | numeric | 规划机柜光口 |
| app\_lightport | body | numeric | 已用机柜光口 |
| plan\_netport | body | numeric | 规划机柜网口 |
| app\_netport | body | numeric | 已用机柜网口 |
| plan\_cabinet | body | numeric | 规划设备数 |
| app\_cabinet | body | numeric | 已用设备数 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否可用 |

{

"cabinet": {

"cabinet\_unit": null,

"cabinet\_sn": "1000001",

"plan\_netport": null,

"cabinet\_name": "服务器机柜",

"plan\_weight": null,

"state": "active",

"remark": null,

"app\_u": null,

"cabinet\_charger": null,

"plan\_power": null,

"plan\_cabinet": null,

"plan\_u": null,

"is\_active": true,

"app\_netport": null,

"app\_power": null,

"app\_cabinet": null,

"cabinet\_type": "4668258a-50f7-47ee-9b18-11ed1f87a3cb",

"plan\_lightport": null,

"app\_weight": null,

"app\_lightport": null,

"room\_id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"cabinet\_dep": null,

"id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87"

}

}

## GET:list

url:/assets/cabinets/

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:5000/assets/cabinets/

response:

响应参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该cabinet的id(uuid4) |

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinets | body | object | 多个 cabinet对象的列表 |
| id | body | string | uuid4 |
| cabinet\_sn | body | string | 机柜序列号 |
| room\_id | body | string | 机房id |
| cabinet\_name | body | string | 机柜名称 |
| cabinet\_unit | body | string | 机柜责任单位\_id |
| cabinet\_dep | body | string | 机柜责任部门\_id |
| cabinet\_charger | body | string | 机柜责任人\_id |
| cabinet\_type | body | string | 机柜类型ID |
| plan\_weight | body | numeric | 规划机柜承重 |
| app\_weight | body | numeric | 已用机柜承重 |
| plan\_power | body | numeric | 规划机柜功率 |
| app\_power | body | numeric | 已用机柜功率 |
| plan\_u | body | numeric | 规划机柜U位 |
| app\_u | body | numeric | 已用机柜U位 |
| plan\_lightport | body | numeric | 规划机柜光口 |
| app\_lightport | body | numeric | 已用机柜光口 |
| plan\_netport | body | numeric | 规划机柜网口 |
| app\_netport | body | numeric | 已用机柜网口 |
| plan\_cabinet | body | numeric | 规划设备数 |
| app\_cabinet | body | numeric | 已用设备数 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否可用 |

{

"cabinets": [

{

"cabinet\_unit": null,

"cabinet\_sn": "1000001",

"plan\_netport": null,

"cabinet\_name": "服务器机柜",

"plan\_weight": null,

"state": "active",

"remark": null,

"app\_u": null,

"cabinet\_charger": null,

"plan\_power": null,

"plan\_cabinet": null,

"plan\_u": null,

"is\_active": true,

"app\_netport": null,

"app\_power": null,

"app\_cabinet": null,

"cabinet\_type": "4668258a-50f7-47ee-9b18-11ed1f87a3cb",

"plan\_lightport": null,

"app\_weight": null,

"app\_lightport": null,

"room\_id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"cabinet\_dep": null,

"id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87"

}

]

}

## POST:

url:/assets/cabinets/

Normal response codes: 201

Error response codes: 404,500

example:

### 单个资源：

request:

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| cabinet | body | object | 是 | 一个 cabinet对象 |
| cabinet\_sn | body | string | 是 | 机柜序列号 |
| room\_id | body | string | 是 | 机房id |
| cabinet\_name | body | string | 是 | 机柜名称 |
| cabinet\_unit | body | string | 否 | 机柜责任单位\_id |
| cabinet\_dep | body | string | 否 | 机柜责任部门\_id |
| cabinet\_charger | body | string | 否 | 机柜责任人\_id |
| cabinet\_type | body | string | 是 | 机柜类型ID |
| plan\_weight | body | numeric | 否 | 规划机柜承重 |
| app\_weight | body | numeric | 否 | 已用机柜承重 |
| plan\_power | body | numeric | 否 | 规划机柜功率 |
| app\_power | body | numeric | 否 | 已用机柜功率 |
| plan\_u | body | numeric | 否 | 规划机柜U位 |
| app\_u | body | numeric | 否 | 已用机柜U位 |
| plan\_lightport | body | numeric | 否 | 规划机柜光口 |
| app\_lightport | body | numeric | 否 | 已用机柜光口 |
| plan\_netport | body | numeric | 否 | 规划机柜网口 |
| app\_netport | body | numeric | 否 | 已用机柜网口 |
| plan\_cabinet | body | numeric | 否 | 规划设备数 |
| app\_cabinet | body | numeric | 否 | 已用设备数 |
| state | body | string | 否 | 状态 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否可用 |

url : http://127.0.0.1:5000/assets/cabinets/

body:

{

"cabinet":

{

"cabinet\_sn": "1000001",

"cabinet\_name": "服务器机柜",

"state": "active",

"is\_active": true,

"cabinet\_type": "4668258a-50f7-47ee-9b18-11ed1f87a3cb",

"room\_id": "51d07c19-e864-443e-8aab-3191ec84d94f"

}

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinet | body | object | 一个 cabinet对象 |
| id | body | string | uuid4 |
| cabinet\_sn | body | string | 机柜序列号 |
| room\_id | body | string | 机房id |
| cabinet\_name | body | string | 机柜名称 |
| cabinet\_unit | body | string | 机柜责任单位\_id |
| cabinet\_dep | body | string | 机柜责任部门\_id |
| cabinet\_charger | body | string | 机柜责任人\_id |
| cabinet\_type | body | string | 机柜类型ID |
| plan\_weight | body | numeric | 规划机柜承重 |
| app\_weight | body | numeric | 已用机柜承重 |
| plan\_power | body | numeric | 规划机柜功率 |
| app\_power | body | numeric | 已用机柜功率 |
| plan\_u | body | numeric | 规划机柜U位 |
| app\_u | body | numeric | 已用机柜U位 |
| plan\_lightport | body | numeric | 规划机柜光口 |
| app\_lightport | body | numeric | 已用机柜光口 |
| plan\_netport | body | numeric | 规划机柜网口 |
| app\_netport | body | numeric | 已用机柜网口 |
| plan\_cabinet | body | numeric | 规划设备数 |
| app\_cabinet | body | numeric | 已用设备数 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否可用 |

{

"cabinet": {

"cabinet\_unit": null,

"cabinet\_sn": "1000001",

"plan\_netport": null,

"cabinet\_name": "服务器机柜",

"plan\_weight": null,

"state": "active",

"remark": null,

"app\_u": null,

"cabinet\_charger": null,

"plan\_power": null,

"plan\_cabinet": null,

"plan\_u": null,

"is\_active": true,

"app\_netport": null,

"app\_power": null,

"app\_cabinet": null,

"cabinet\_type": "4668258a-50f7-47ee-9b18-11ed1f87a3cb",

"plan\_lightport": null,

"app\_weight": null,

"app\_lightport": null,

"room\_id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"cabinet\_dep": null,

"id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87"

}

}

### 批量创建：

request:

url : http://127.0.0.1:5000/assets/cabinets/

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| cabinets | body | object | 是 | 多个 cabinet对象的列表 |
| cabinet\_sn | body | string | 是 | 机柜序列号 |
| room\_id | body | string | 是 | 机房id |
| cabinet\_name | body | string | 是 | 机柜名称 |
| cabinet\_unit | body | string | 否 | 机柜责任单位\_id |
| cabinet\_dep | body | string | 否 | 机柜责任部门\_id |
| cabinet\_charger | body | string | 否 | 机柜责任人\_id |
| cabinet\_type | body | string | 是 | 机柜类型ID |
| plan\_weight | body | numeric | 否 | 规划机柜承重 |
| app\_weight | body | numeric | 否 | 已用机柜承重 |
| plan\_power | body | numeric | 否 | 规划机柜功率 |
| app\_power | body | numeric | 否 | 已用机柜功率 |
| plan\_u | body | numeric | 否 | 规划机柜U位 |
| app\_u | body | numeric | 否 | 已用机柜U位 |
| plan\_lightport | body | numeric | 否 | 规划机柜光口 |
| app\_lightport | body | numeric | 否 | 已用机柜光口 |
| plan\_netport | body | numeric | 否 | 规划机柜网口 |
| app\_netport | body | numeric | 否 | 已用机柜网口 |
| plan\_cabinet | body | numeric | 否 | 规划设备数 |
| app\_cabinet | body | numeric | 否 | 已用设备数 |
| state | body | string | 否 | 状态 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否可用 |

body:

{

"cabinets": [

{

"cabinet\_sn": "1000001",

"cabinet\_name": "服务器机柜",

"state": "active",

"is\_active": true,

"cabinet\_type": "4668258a-50f7-47ee-9b18-11ed1f87a3cb",

"room\_id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87"

}

]

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinets | body | object | 多个 cabinet对象的列表 |
| id | body | string | uuid4 |
| cabinet\_sn | body | string | 机柜序列号 |
| room\_id | body | string | 机房id |
| cabinet\_name | body | string | 机柜名称 |
| cabinet\_unit | body | string | 机柜责任单位\_id |
| cabinet\_dep | body | string | 机柜责任部门\_id |
| cabinet\_charger | body | string | 机柜责任人\_id |
| cabinet\_type | body | string | 机柜类型ID |
| plan\_weight | body | numeric | 规划机柜承重 |
| app\_weight | body | numeric | 已用机柜承重 |
| plan\_power | body | numeric | 规划机柜功率 |
| app\_power | body | numeric | 已用机柜功率 |
| plan\_u | body | numeric | 规划机柜U位 |
| app\_u | body | numeric | 已用机柜U位 |
| plan\_lightport | body | numeric | 规划机柜光口 |
| app\_lightport | body | numeric | 已用机柜光口 |
| plan\_netport | body | numeric | 规划机柜网口 |
| app\_netport | body | numeric | 已用机柜网口 |
| plan\_cabinet | body | numeric | 规划设备数 |
| app\_cabinet | body | numeric | 已用设备数 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否可用 |

{

"cabinets": [

{

"cabinet\_unit": null,

"cabinet\_sn": "1000001",

"plan\_netport": null,

"cabinet\_name": "服务器机柜",

"plan\_weight": null,

"state": "active",

"remark": null,

"app\_u": null,

"cabinet\_charger": null,

"plan\_power": null,

"plan\_cabinet": null,

"plan\_u": null,

"is\_active": true,

"app\_netport": null,

"app\_power": null,

"app\_cabinet": null,

"cabinet\_type": "4668258a-50f7-47ee-9b18-11ed1f87a3cb",

"plan\_lightport": null,

"app\_weight": null,

"app\_lightport": null,

"room\_id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"cabinet\_dep": null,

"id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87"

}

]

}

## DELETE ：

url: /assets/cabinets/uuid

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:5000/assets/cabinets/ef93a334-82f8-4b67-abe0-b4b71ef54e87

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该cabinet的id(uuid4) |

response:

## PUT:

url:/assests/cabinets/uuid

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:5000/assets/cabinets/ef93a334-82f8-4b67-abe0-b4b71ef54e87

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| cabinet | body | object | 是 | 一个 cabinet对象 |
| cabinet\_sn | body | string | 否 | 机柜序列号 |
| room\_id | body | string | 否 | 机房id |
| cabinet\_name | body | string | 否 | 机柜名称 |
| cabinet\_unit | body | string | 否 | 机柜责任单位\_id |
| cabinet\_dep | body | string | 否 | 机柜责任部门\_id |
| cabinet\_charger | body | string | 否 | 机柜责任人\_id |
| cabinet\_type | body | string | 否 | 机柜类型ID |
| plan\_weight | body | numeric | 否 | 规划机柜承重 |
| app\_weight | body | numeric | 否 | 已用机柜承重 |
| plan\_power | body | numeric | 否 | 规划机柜功率 |
| app\_power | body | numeric | 否 | 已用机柜功率 |
| plan\_u | body | numeric | 否 | 规划机柜U位 |
| app\_u | body | numeric | 否 | 已用机柜U位 |
| plan\_lightport | body | numeric | 否 | 规划机柜光口 |
| app\_lightport | body | numeric | 否 | 已用机柜光口 |
| plan\_netport | body | numeric | 否 | 规划机柜网口 |
| app\_netport | body | numeric | 否 | 已用机柜网口 |
| plan\_cabinet | body | numeric | 否 | 规划设备数 |
| app\_cabinet | body | numeric | 否 | 已用设备数 |
| state | body | string | 否 | 状态 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否可用 |

body:

{

"cabinet":

{

"cabinet\_name": "服务器机柜1"

}

}

response:

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| datacenter\_room | body | object | 一个 datacenter\_room对象 |
| id | body | string | uuid4 |
| room\_name | body | string | 机房名称 |
| building\_id | body | string | 楼座id |
| room\_no | body | string | 机房号 |
| room\_unit | body | string | 机房责任单位\_id |
| room\_dep | body | string | 机房责任部门\_id |
| room\_charger | body | string | 机房责任人\_id |
| room\_type | body | string | 机房类型ID |
| plan\_weight | body | numeric | 规划机房承重 |
| app\_weight | body | numeric | 已用机房承重 |
| plan\_power | body | numeric | 规划机房功率 |
| app\_power | body | numeric | 已用机房功率 |
| plan\_pefrigrate | body | numeric | 规划制冷容量 |
| app\_pefrigrate | body | numeric | 已用制冷容量 |
| plan\_cabinet | body | numeric | 规划机柜数 |
| app\_cabinet | body | numeric | 已用机柜数 |
| plan\_area | body | numeric | 使用面积 |
| state | body | string | 状态 |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"cabinet": {

"cabinet\_unit": null,

"cabinet\_sn": "1000001",

"plan\_netport": null,

"cabinet\_name": "服务器机柜1",

"plan\_weight": null,

"state": "active",

"remark": null,

"app\_u": null,

"cabinet\_charger": null,

"plan\_power": null,

"plan\_cabinet": null,

"plan\_u": null,

"is\_active": true,

"app\_netport": null,

"app\_power": null,

"app\_cabinet": null,

"cabinet\_type": "4668258a-50f7-47ee-9b18-11ed1f87a3cb",

"plan\_lightport": null,

"app\_weight": null,

"app\_lightport": null,

"room\_id": "51d07c19-e864-443e-8aab-3191ec84d94f",

"cabinet\_dep": null,

"id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87"

}

}

# U位（cabinet\_u）:

## GET: show

url: /assets/cabinet\_u/uuid

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:5000/assets/cabinet\_u/cc8c22c3-ca52-4b5d-a282-6031d04cdfee

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该cabinet\_u的id(uuid4) |

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinet\_u | body | object | 一个 cabinet\_u对象 |
| id | body | string | uuid4 |
| up | body | string | U位号 |
| cabinet\_id | body | string | 机柜id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"cabinet\_u": {

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"id": "cc8c22c3-ca52-4b5d-a282-6031d04cdfee",

"remark": null,

"is\_active": true

}

}

## GET:list

url:/assets/cabinet\_u/

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:5000/assets/cabinet\_u/

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinet\_us | body | object | 多个 cabinet\_u对象的列表 |
| id | body | string | uuid4 |
| up | body | string | U位号 |
| cabinet\_id | body | string | 机柜id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"cabinet\_us": [

{

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"id": "cc8c22c3-ca52-4b5d-a282-6031d04cdfee",

"remark": null,

"is\_active": true

}

]

}

## POST:

url:/assets/cabinet\_u/

Normal response codes: 201

Error response codes: 404,500

example:

### 单个资源：

request:

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| cabinet\_u | body | object | 是 | 一个 cabinet\_u对象 |
| up | body | string | 是 | U位号 |
| cabinet\_id | body | string | 是 | 机柜id |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

url : http://127.0.0.1:5000/assets/cabinet\_u/

body:

{

"cabinet\_u": {

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"id": "cc8c22c3-ca52-4b5d-a282-6031d04cdfee",

"remark": null,

"is\_active": true

}

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinet\_u | body | object | 一个 cabinet\_u对象 |
| id | body | string | uuid4 |
| up | body | string | U位号 |
| cabinet\_id | body | string | 机柜id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"cabinet\_u": {

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"id": "cc8c22c3-ca52-4b5d-a282-6031d04cdfee",

"remark": null,

"is\_active": true

}

}

### 批量创建：

request:

url : http://127.0.0.1:5000/assets/cabinet\_u/

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| cabinet\_us | body | object | 是 | 多个 cabinet\_u对象的列表 |
| up | body | string | 是 | U位号 |
| cabinet\_id | body | string | 是 | 机柜id |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"cabinet\_us": [

{

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"is\_active": true

}

]

}

response:

响应参数：

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinet\_us | body | object | 多个 cabinet\_u对象的列表 |
| id | body | string | uuid4 |
| up | body | string | U位号 |
| cabinet\_id | body | string | 机柜id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"cabinet\_us": [

{

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"id": "cc8c22c3-ca52-4b5d-a282-6031d04cdfee",

"remark": null,

"is\_active": true

}

]

}

## DELETE ：

url: /assets/cabinet\_u/uuid

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:5000/assets/cabinet\_u/cc8c22c3-ca52-4b5d-a282-6031d04cdfee

请求参数：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| uuid | path | String(36) | 是 | 该cabinet\_u的id(uuid4) |

response:

## PUT:

url:/assests/cabinet\_u/uuid

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:5000/assets/cabinet\_u/cc8c22c3-ca52-4b5d-a282-6031d04cdfee

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 是否必填 | 说明 |
| cabinet\_u | body | object | 是 | 一个 cabinet\_u对象 |
| cabinet\_id | body | string | 否 | 机柜id |
| up | body | string | 否 | U位号 |
| remark | body | text | 否 | 备注 |
| is\_active | body | boolean | 否 | 是否有效 |

body:

{

"cabinet\_u":

{

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"remark": "put",

"is\_active": true

}

}

response:

|  |  |  |  |
| --- | --- | --- | --- |
| 名称 | 所在位置 | 类型 | 说明 |
| cabinet\_u | body | object | 一个 cabinet\_u对象 |
| id | body | string | uuid4 |
| up | body | string | U位号 |
| cabinet\_id | body | string | 机柜id |
| remark | body | text | 备注 |
| is\_active | body | boolean | 是否有效 |

{

"cabinet\_u": {

"up": 1,

"cabinet\_id": "ef93a334-82f8-4b67-abe0-b4b71ef54e87",

"id": "cc8c22c3-ca52-4b5d-a282-6031d04cdfee",

"remark": "put",

"is\_active": true

}

}