

# 商业合同管理系统WebApi

## 文档说明

本系统接口是REST API风格，用于第三方系统进行合同管理操作。

使用本接口文档需要自行在系统首页注册管理员，通过管理员登录后返回的接口认证信息进行操作。

每个接口需要携带接口认证信息。

## 接口鉴权说明

接口鉴权信息存储在请求头中，发送请求时，需要将验证信息存储在请求头中以下字段

```
Cookie:
X-User-Id=用户ID;
X-Auth-Token=验证token
X-Access-Token=访问token
X-Space-Id=空间ID;
X-Space-Token=空间token
```

## 用户鉴权接口

管理员登录后返回鉴权信息，用户请求其他接口时需携带此鉴权信息。

### 请求语法

```
POST /accounts/password/authenticate HTTP/1.1
Content-Type: application/json
```

### 请求参数

以json格式传入请求参数

```
{"user":{"email":"user1@test.com"},"password":"123456","code":"","locale":"zh-cn"}
```

### 参数说明

参数名	类型	是否必填	说明	示例值
email	string	是	用户邮箱	<a href="mailto:user1@test.com">user1@test.com</a>
password	string	是	密码	123456
code	string	否	代码编号	0
locale	string	否	地区编号	zh-cn

## 响应头

这里去掉了接口部分非重要内容，保留了重点信息

```
Access-Control-Allow-Credentials: true
Access-Control-Allow-Origin: http://120.27.146.185:6007

Content-Type: application/json; charset=utf-8

Set-Cookie: X-User-Id=5efae24570ff1b0012038be1; path=/; expires=Mon, 05 Oct 2020 13:34:23 GMT
Set-Cookie: X-Auth-Token=6ef09f483cd139f978f960de11279400e2c4363a5b6b3388455ccd34bb0acbe77bcf7c818f7528dfcfa074; path=/; expires=Mon, 05 Oct 2020 13:34:23 GMT
Set-Cookie: X-Access-Token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJkYXRhIjp7InRva2VuIjoiaWVMDmNDgzY2QxMzlmOTc4Zjk2MGRlMTEyZk0MMDlmmM0MzYzYTViNmIzMzg4NDU1Y2NmZRIjY2JlNzdiY2Y3YzgxOGY3NTI4ZGZjZmEwNzQiLCJpc0l0tcGVyc29uYXRlZCI6ZmFsc2UsInVzZXJJZCI6IjVlZmFlMjQ1NzBmZjFmdAxMjAzOGJlMSJ9LCJpYXQiOjE1OTQxMjg4NjMsImV4cCI6MTYwMTkwNDg2M30uBvXNMUubjoxBUGUK0uGHYLG9Z-HnEFC-weEPjQuntI; path=/; expires=Mon, 05 Oct 2020 13:34:23 GMT

Set-Cookie: X-Space-Id=jTaQzFyri4ojvYSqm; path=/; expires=Mon, 05 Oct 2020 13:34:23 GMT

Set-Cookie: X-Space-Token=jTaQzFyri4ojvYSqm,6ef09f483cd139f978f960de11279400e2c4363a5b6b3388455ccd34bb0acbe77bcf7c818f7528dfcfa074; path=/; expires=Mon, 05 Oct 2020 13:34:23 GMT
```

其中Set-Cookie部分是用户鉴权信息。

```
#用户ID
X-User-Id
#空间ID
X-Space-Id
#用户token
X-Auth-Token
#访问token---鉴权信息
X-Access-Token
#空间token
X-Space-Token
```

## 响应参数

```
{
  "sessionId": "5f0479dfede58d0012c65cbb",
  "tokens": {
    "refreshToken":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpYXQiOiJlOTQxMjg4NjMsImV4cCI6MTU5NDczMzY2M30.1sKSkIpo7mBb0Wve1N0QiucNn_y1bokcvnLfHwWELM",
    "accessToken":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJkYXRhIjp7InRva2VuIjoibmVmdD1mNDgzY2QxMzY2M30.1mOTc4Zjk2MGRlMTEyNzk0MDElMmM0MzYzYTViNmIzMzg4NDU1Y2NkMzRiYjBhY2JlNzdiY2Y3YzgxOGY3NTI4ZGZjZmEwNzQlLCJpc0ltcGVyc29uYXRlZCI6ZmFsc2UsInVzZXJJZCI6IjVlZmF1MjQ1NzBmZjFmDAXmJAZOGJlMSJ9LCJpYXQiOiJlOTQxMjg4NjMsImV4cCI6MTYwMTkwNDg2M30.BvXNMUubjoxBUGUK0uGHYLG9Z-HnEFC-WeEpRjQuntI"
  }
}
```

## 说明

若使用的是request，可以将响应对象中的cookies保存下来，再后续的请求中，传入此cookies即可通过验证。

## 鉴权信息验证

用于测试鉴权信息是否有效

### 请求语法

```
GET /accounts/user HTTP/1.1
```

### 请求头

```
Content-Type: application/json

Cookie:
X-Space-Id=m5b9NXiSo5tomnGFS;
X-User-Id=5efb4b81ede58d0012c65b9f;
X-Auth-Token=e7e539564de7468579f6cb0024754e7c5ddef43ea85315de751ce3a322d478a28e69af28ecc9d56f2be53;
X-Access-Token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJkYXRhIjp7InRva2VuIjoibmVmdD1mNDgzY2QxMzY2M30.1mOTc4Zjk2MGRlMTEyNzk0MDElMmM0MzYzYTViNmIzMzg4NDU1Y2NkMzRiYjBhY2JlNzdiY2Y3YzgxOGY3NTI4ZGZjZmEwNzQlLCJpc0ltcGVyc29uYXRlZCI6ZmFsc2UsInVzZXJJZCI6IjVlZmF1MjQ1NzBmZjFmDAXmJAZOGJlMSJ9LCJpYXQiOiJlOTQxMjg4NjMsImV4cCI6MTYwMTkwNDg2M30.BvXNMUubjoxBUGUK0uGHYLG9Z-HnEFC-WeEpRjQuntI;
X-Space-Token=m5b9NXiSo5tomnGFS,e7e539564de7468579f6cb0024754e7c5ddef43ea85315de751ce3a322d478a28e69af28ecc9d56f2be53
```

以下部分根据用户鉴权接口返回的实际信息进行替换。

```
X-User-Id=5efb4b81ede58d0012c65b9f;  
X-Space-Id=m5b9NXiSo5tomnGFS;  
X-Auth-  
Token=e7e539564de7468579f6cb0024754e7c5ddef43ea85315de751ce3a322d478a28e69af28ecc9d56f2be53;  
X-Access-  
Token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJkYXRhIjp7InRva2VuIjoizTd1NTM5NTY0ZGU3NDY4NTc5ZjZjYjAwMjQ3NTRlN2M1ZGRlZjZzZWE4NTMxNWRlNzUxY2UzYTMyMmQ0NzhmMjhlNjlnZjI4ZWVjYzlkNTZmMmJlNTMiLCJpc0l0tcGVyc29uYXRlZCI6ZmFsc2UsInVzZXJJZCI6IjVlZmI0YjgxeWRlNThkMDAxMmM2NWl5ZiJ9LCJpYXQiOjE1OTM1ODUxNjAsImV4CCI6MTYwMTM2MTE2MH0..5vIk5SabshErckNhJ6xomHT8wbQtDS_K2-3_kNxSv4;  
X-Space-  
Token=m5b9NXiSo5tomnGFS,e7e539564de7468579f6cb0024754e7c5ddef43ea85315de751ce3a322d478a28e69af28ecc9d56f2be53
```

若使用的是requests, 可以将响应对象中的cookies保存下来, 再后续的请求中, 传入此cookies即可通过验证。

无需手动传递cookie

### 请求参数

无

### 响应头

```
Content-Type: application/json; charset=utf-8
```

```
Status Code: 200 OK #鉴权信息验证通过
```

### 响应参数

```
{  
  "_id": "5efae24570ff1b0012038be1",  
  "name": "user1",  
  "locale": "zh-cn",  
  "created": "2020-06-30T06:57:09.883Z",  
  "modified": "2020-06-30T06:57:09.883Z",  
  "email": "user1@test.com",  
  "email_verified": false,  
  "emails": [  
    {  
      "address": "user1@test.com",  
      "verified": false  
    }  
  ],  
  "steedos_id": "5efae24570ff1b0012038be1",  
  "utcOffset": 8,  
  "last_logon": "2020-07-07T13:01:57.411Z",  
  "id": "5efae24570ff1b0012038be1",  
  "userId": "5efae24570ff1b0012038be1",  
  "spaces": [  
    {  
      "_id": "jTaQzFyri4ojvYSqm",  
      "name": "小米公司",  
    }  
  ]  
}
```

```
        "logo_url": ""
      }
    ]
  }
}
```

响应参数说明

参数名	类型	说明	示例值
_id	string	用户ID, 同userId	jTaQzFyri4ojvYSQm
name	string	用户名	user1
email	string	用户邮箱	<a href="mailto:user1@test.com">user1@test.com</a>
locale	string	地区编号	zh-cn
spaces	list	公司信息	{ "_id": "jTaQzFyri4ojvYSQm", "name": "小米公司", "logo_url": "" }

邀请注册

请求语法

POST /accounts/password/register HTTP/1.1  
Content-Type: application/json

URL参数

无

请求参数

```
{
  "user": {
    "locale": "zh-cn",
    "name": "hw1",
    "email": "hw1@test.com",
    "password": "123456",
    "spaceId": "m5b9NXiSo5tomnGFS"
  }
}
```

参数说明

参数名	类型	是否必填	说明	示例
locale	string	否	地区	zh-cn
name	string	是	用户名	test
email	string	是	邮箱	<a href="mailto:test@test.com">test@test.com</a>
password	string	是	密码	至少6位数
spaceId	string	是	空间ID	用户登录后，发送任意请求，查看spaceid字段

### 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

### 响应参数

无

## 合同分类-ContractTypesAPI

合同分类的增删改查接口

### 新增

新增合同分类，用于新建合同时选择

- 请求方法：POST
- 请求URL：/api/v4/contract\_types
- 接口说明：
  - space：工作区ID
  - name：合同名
  - code：合同代码
- 请求参数说明：
  - body以JSON形式存储记录
- response说明：
  - 返回创建成功的记录
- 示例如下：
  - HTTP 请求

```
POST http://120.27.146.185:6007/api/v4/contract_types
{
  name: "房租合同",
  code: "2020-001",
  space: "jTaQzFyri4ojvYSqm"
}
```

- HTTP 响应

```
HTTP/1.1 200 OK
{
  "@odata.context":
    "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSqm/$metadata#contract_
types/$entity",
  "value":
    [{ "@odata.id": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSqm/contract_
types('XcYWeHWPABduJppie')",
      "@odata.etag": "W/\"08D589720BBB3DB1\"",
      "@odata.editLink": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSqm/co
ntract_types('XcYWeHWPABduJppie')",
      "_id": "XcYWeHWPABduJppie",
      "name": "房租合同",
      "code": "2020-001",
      "space": "jTaQzFyri4ojvYSqm",
      "owner": "5efae24570ff1b0012038be1",
      "created": "2020-07-03T01:34:05.732Z",
      "modified": "2020-07-03T01:34:05.732Z",
      "created_by": "5efae24570ff1b0012038be1",
      "modified_by": "5efae24570ff1b0012038be1",
      "company_id": "RyHKspvBSGRdbowAe",
      "company_ids": ["RyHKspvBSGRdbowAe"]}
    ]
}
```

## 修改

- 请求方法: PUT
- 请求URL: /api/v4/contract\_types/{contract\_id}
- URL参数:
  - contract\_id: 合同ID
- 请求体参数:
- \$set: 修改的内容
  - space: 工作区ID
  - name: 合同名
  - code: 合同代码
- 请求参数说明:
  - body以JSON形式存储记录
- response说明:
  - 修改成功返回状态码200, 返回{}
- 示例如下:
  - HTTP 请求

```
PUT http://120.27.146.185:6007/api/v4/contract_types/XcYweHwPABduJppie
```

```
{
  '$set':
    {
      'name': "房租合同1",
      'code': "2020-001",
      'space': "jTaQzFyri4ojvYSQm"
    }
}
```

◦ HTTP 响应

```
Status Code: 200 OK
{}
```

## 删除

- 请求方法: DELETE
- 请求URL: /api/v4/contract\_types/{contract\_id}
- URL参数:
  - contract\_id: 合同ID
- 请求体参数:
  - 无
- 请求参数说明:
  - N/A
- response说明:
  - 删除成功返回状态码200, 返回{}
- 示例如下:
  - HTTP 请求

```
DELETE http://120.27.146.185:6007/api/v4/contract_types/XcYweHwPABduJppie
```

◦ HTTP 响应

```
Status Code: 200 OK
{}
```

## 查询

- 请求方法: GET
- 请求URL: /api/v4/contract\_types?  
%24top=50&%24select=name%2Cowner%2Ccompany\_id%2Ccompany\_ids%2Clocked&%24count=true  
contract\_id: 合同ID



- URL参数:
  - \$top: 展示数量, 如50
  - \$select: 展示字段, 示例: name,code,company\_id,company\_ids,locked
  - \$count: 计数 (布尔值), 如true
- 请求体参数:
  - 无
- 请求参数说明:
  - N/A
- response说明:
  - 返回合同类型信息
- 接口访问示例
  - http请求

```
GET http://120.27.146.185:6007/api/v4/contract_types?
%24top=50&%24select=name%2Cowner%2Ccompany_id%2Ccompany_ids%2Clocked&%24count=true
```

- http响应

```
Status Code: 200 OK
Content-Type: application/json; charset=utf-8; odata.metadata=minimal
{
  @odata.context:
  "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#contract_types"
  @odata.count: 2
  value: [
    {
      @odata.editLink:
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contract_types('tqTDacAgnEF74rHx2')"
      @odata.etag: "w/"08D589720BBB3DB1""
      @odata.id:
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contract_types('tqTDacAgnEF74rHx2')"
      company_id: "RyHKspvBSGRdbowAe"
      company_ids: ["RyHKspvBSGRdbowAe"]
      name: "1类合同"
      owner: "5efae24570ff1b0012038be1"
      _id: "tqTDacAgnEF74rHx2"
    },
    {
      @odata.editLink:
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contract_types('ctjxvxFbBai3vswDi')"
      @odata.etag: "w/"08D589720BBB3DB1""
      @odata.id:
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contract_types('ctjxvxFbBai3vswDi')"
      company_id: "RyHKspvBSGRdbowAe"
      company_ids: ["RyHKspvBSGRdbowAe"]
      name: "2类合同"
      owner: "5efae24570ff1b0012038be1"
```

```
      _id: "cTjXvXFbBai3vswDi"
    }
  ]
}
```

## 核算项目-AccountProjectAPI

### 新增

#### 请求语法

```
POST /api/v4/account_project HTTP/1.1
Content-Type: application/json
```

#### URL参数

无

#### 请求参数

```
{
  "name": "1号项目",
  "code": "001",
  "description": "985工程",
  "space": "jTaQzFyri4ojvYSQm"
}
```

#### 参数说明

参数名	类型	是否必须	说明
code	string	否	项目代码
description	string	否	项目描述
name	string	否	项目名称
space	string	是	spaceid

#### 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

#### 响应参数

```
{
  "@odata.context":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#account_project/$entity",
  "value": [
    {
```

```
"@odata.id":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/account_project('jgrJCeMtt
zD8pHZhy')",
"@odata.etag": "w/\\"08D589720BBB3DB1\\\"",
"@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/account_project('jgrJCeMtt
zD8pHZhy')",
"_id": "jgrJCeMttzD8pHZhy",
"name": "2号项目",
"code": "002",
"description": "2号合同项目",
"space": "jTaQzFyri4ojvYSQm",
"owner": "5efae24570ff1b0012038be1",
"created": "2020-07-07T13:11:28.919Z",
"modified": "2020-07-07T13:11:28.919Z",
"created_by": "5efae24570ff1b0012038be1",
"modified_by": "5efae24570ff1b0012038be1",
"company_id": "RyHKspvBSGRdbowAe",
"company_ids": [
  "RyHKspvBSGRdbowAe"
]
}
]
}
```

values部分为返回的新增核算项目信息。\_id为项目ID

## 修改

### 请求语法

```
PUT /api/v4/account_project/{project_id} HTTP/1.1
Content-Type: application/json;
```

### URL参数

project\_id: 项目ID

### 请求体参数

```
{
  "$set": {
    "name": "3号项目",
    "code": "003",
    "description": "3号备注",
    "space": "jTaQzFyri4ojvYSQm"
  }
}
```

### 参数说明

参数名	类型	是否必须	默认值	说明
code	string	否	无	项目代码
description	string	否	无	项目描述
name	string	否	无	项目名称
space	string	是	无	spaceid

#### 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

#### 响应消息体

```
{}
```

 #修改成功返回空

## 删除

#### 请求语法

```
DELETE /api/v4/account_project/{project_id} HTTP/1.1
```

#### URL参数

project\_id: 项目ID

#### 请求体参数

无

#### 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json;
```

#### 响应消息体

```
{}
```

 #删除成功返回空

## 查询

#### 请求语法

```
GET /api/v4/account_project?
%24top=50&%24select=name%2Ccode%2Cmodified%2Cowner%2Ccompany_id%2Ccompany_ids%2C
locked&%24count=true HTTP/1.1
```

## URL参数

参数名	类型	是否必须	说明
\$top	string	否	最大展示数量,如50
\$select	string	否	展示字段, 以下为可选项, 用逗号分割: name,code,modified,owner,company_id,company_ids,locked
\$count	string	否	统计, 布尔值, 如true

## 请求体参数

无

## 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## 响应消息体

```
{
  "@odata.context":
  "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#account_project"
,
  "@odata.count": 2,
  "value": [
    {
      "@odata.id":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/account_project('GYC2upFfaA4Zjx7MW')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/account_project('GYC2upFfaA4Zjx7MW')",
      "_id": "GYC2upFfaA4Zjx7MW",
      "name": "核算项目1号",
      "owner": "5efae24570ff1b0012038be1",
      "modified": "2020-07-07T13:08:42.565Z",
      "company_id": "RyHKspvBSGRdbowAe",
      "company_ids": [
        "RyHKspvBSGRdbowAe"
      ]
    },
    {
      "@odata.id":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/account_project('jgrJCemttzD8pHZhy')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/account_project('jgrJCemttzD8pHZhy')",
      "_id": "jgrJCemttzD8pHZhy",
    }
  ]
}
```

```
{
  "name": "2号项目",
  "code": "002",
  "owner": "5efae24570ff1b0012038be1",
  "modified": "2020-07-07T13:11:28.919z",
  "company_id": "RyHKspvBSGRdbowAe",
  "company_ids": [
    "RyHKspvBSGRdbowAe"
  ]
}
```

@odata.count 表示内容数量  
value里面为当前所有核算项目信息  
其中\_id 为该项目的唯一表示符

## 币种-CurrencyTypesAPI

### 新增

- 请求方法: POST
- 请求URL: /api/v4/currency
- URL参数:  
N/A
- 请求体参数:
  - active: 有效性, 布尔值, 如: true
  - code: 币种代码, 如: "RMB"
  - decimal\_places: 汇率, 如: 0
  - name: 币种名称, 如: "人民币"
  - rate: 小鼠位数, 如: 0
  - space: 空间ID, 如: "jTaQzFyri4ojvYSQm"
- 请求参数说明:
  - body以JSON形式存储记录

参数名	类型	是否必须	默认值	说明
-----	----	------	-----	----

参数名	类型	是否必须	默认值	说明
admins	list	否	无	管理员ID，如： ["5efae24570ff1b0012038be1"]
code	string	否	无	分部代码，如：002
currency_type	string	否	无	本位币，如：RMB
name	string	是	无	分布名称，如：1号子公司
organization	string	否	无	关联部门ID，如： RyHKspvB5GRdbowAe
space	string	是	无	spaceid 如jTaQzFyri4ojvYSQm

- response说明：
  - 成功返回币种信息
- 示例如下：
  - HTTP 请求

```
POST http://120.27.146.185:6007/api/v4/currency
{
  "active": true,
  "code": "RMB",
  "decimal_places": 0,
  "name": "人民币",
  "rate": 0,
  "space": "jTaQzFyri4ojvYSQm"
}
```

- HTTP 响应

```
Status Code: 200 OK
Content-Type: application/json; charset=utf-8; odata.metadata=minimal
{
  "@odata.context": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#currency/$entity",
  "value": [{
    "@odata.id": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/currency('orDpiYGg5g2iYnXY')",
    "@odata.etag": "W/\"08D589720BBB3DB1\"",
    "@odata.editLink": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/currency('orDpiYGg5g2iYnXY')",
    "_id": "orDpiYGg5g2iYnXY",
    "name": "人民币",
    "code": "RMB",
    "rate": 0,
    "decimal_places": 0,
    "active": true,
    "space": "jTaQzFyri4ojvYSQm",
    "owner": "5efae24570ff1b0012038be1",
    "created": "2020-07-03T03:51:13.960Z",
    "modified": "2020-07-03T03:51:13.960Z",
  }]
```

```
"created_by": "5efae24570ff1b0012038be1",
"modified_by": "5efae24570ff1b0012038be1",
"company_id": "RyHKspvBSGRdbowAe",
"company_ids": ["RyHKspvBSGRdbowAe"]
}]
}
```

## 修改

- 请求方法: PUT
- 请求URL: /api/v4/currency/{currence\_id}
- URL参数:
  - currence\_id: 币种ID
- 请求体参数:
- \$set: 修改的内容
  - active: 有效性, 布尔值, 如: true
  - code: 币种代码, 如: "RMB"
  - decimal\_places: 汇率, 如: 0
  - name: 币种名称, 如: "人民币"
  - rate: 小鼠位数, 如: 0
  - space: 空间ID, 如: "jTaQzFyri4ojvYSQm"
- 请求参数说明:
  - body以JSON形式存储记录
- response说明:
- 成功返回状态码200, 返回{}
- 示例如下:
  - HTTP 请求

```
PUT http://120.27.146.185:6007/api/v4/currency/orDpiYGg5g2iYnXY
{
  "$set":
  {
    "name": "人民币",
    "code": "RMB",
    "rate": 6.7,
    "decimal_places": 0,
    "active": true,
    "space": "jTaQzFyri4ojvYSQm"
  }
}
```

- HTTP 响应

```
Status Code: 200 OK
{}
```

## 删除

- 请求方法: DELETE



- 请求URL: /api/v4/currency/{currency\_id}
- URL参数:
  - currency\_id:币种ID
- 请求体参数:
  - 无
- 请求参数说明:
  - N/A
- response说明:
  - 成功返回状态码200, 返回{}
- 示例如下:
  - HTTP 请求

```
DELETE http://120.27.146.185:6007/api/v4/currency/orDpiYGg5g2iYnXY
```

- HTTP 响应

```
Status Code: 200 OK  
{}
```

## 查询

- 请求方法: GET
- 请求URL: /api/v4/currency?  
%24top=50&%24select=name%2Ccode%2Cdecimal\_places%2Cowner%2Ccompany\_id%2Ccompany\_ids%2Clocked&%24count=true
- URL参数:
  - \$top: 展示数量, 如50
  - \$select: 展示字段, 示例: name,owner,company\_id,company\_ids,locked
  - \$count: 计数 (布尔值), 如true
- 请求体参数:
  - 无
- 请求参数说明:
  - N/A
- response说明:
  - 成功返回状态码200, 返回{}
- 示例如下:
  - HTTP 请求

```
GET http://120.27.146.185:6007/api/v4/currency?  
%24top=50&%24select=name%2Ccode%2Cdecimal_places%2Cowner%2Ccompany_id%2Ccompany_ids%2Clocked&%24count=true
```

- HTTP 响应

```
Status Code: 200 OK
```

```
{
  "@odata.context": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$meta
data#currency",
  "@odata.count": 2,
  "value":
  [
    {
      "@odata.id": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/currency('
orDpiYGg5g2iYnXY')",
      "@odata.etag": "W/\"08D589720BBB3DB1\"",
      "@odata.editLink": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/curr
ency('orDpiYGg5g2iYnXY')",
      "_id": "orDpiYGg5g2iYnXY",
      "name": "人民币",
      "code": "RMB",
      "decimal_places": 0,
      "owner": "5efae24570ff1b0012038be1",
      "company_id": "RyHKspvBSGRdbowAe",
      "company_ids": ["RyHKspvBSGRdbowAe"]
    },
    {
      "@odata.id": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/currency('
Fr6AYNgopy6XjrcwP')",
      "@odata.etag": "W/\"08D589720BBB3DB1\"",
      "@odata.editLink": "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/curr
ency('Fr6AYNgopy6XjrcwP')",
      "_id": "Fr6AYNgopy6XjrcwP",
      "name": "美元",
      "code": "USD",
      "decimal_places": 3,
      "owner": "5efae24570ff1b0012038be1",
      "company_id": "RyHKspvBSGRdbowAe",
      "company_ids": ["RyHKspvBSGRdbowAe"]
    }
  ]
}
```

## 公司分部-CompanyAPI（废弃）

### 新增

#### 请求语法

```
POST    /api/v4/company
Content-Type: application/json
```

#### URL参数

无

#### 请求体参数

```
{
  "name": "公司名",
  "code": "公司代码",
  "space": "jTaQzFyri4ojvYSQm"
}
```

## 参数说明

参数名	类型	是否必须	说明
name	string	是	公司名称-自定义
code	int	是	公司代码-自定义
space	string	是	spaceid，如：jTaQzFyri4ojvYSQm，可以从cookies的X-Space-Id字段获取

## 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## 响应消息体

```
{
  "@odata.context":
    "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#company/$entity"
  ,
  "value": [
    {
      "@odata.id":
        "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('kjMgR3ZKqinTJxx5M')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
        "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('kjMgR3ZKqinTJxx5M')",
      "_id": "kjMgR3ZKqinTJxx5M",
      "name": "2号子公司",
      "code": "002",
      "currency_type": "CNY",
      "admins": [
        "5efae24570ff1b0012038be1"
      ],
      "space": "jTaQzFyri4ojvYSQm",
      "sort_no": 100,
      "owner": "5efae24570ff1b0012038be1",
      "created": "2020-07-07T01:15:39.163Z",
      "modified": "2020-07-07T01:15:39.163Z",
      "created_by": "5efae24570ff1b0012038be1",
      "modified_by": "5efae24570ff1b0012038be1",
      "company_id": "kjMgR3ZKqinTJxx5M",
      "organization": "yakB4ZHqtx8e28XGz"
    }
  ]
}
```

```
}  
]  
}
```

value字段为创建成功的数据信息，\_id为该信息的唯一标识符。

说明

若organization字段已被关联，则系统返回

```
{  
  "error": {  
    "message": "该关联组织，已经被其他单位占用了，不能重复关联该组织",  
    "code": 500,  
    "error": 500  
  }  
}
```

修改

请求语法

```
PUT /api/v4/company/{organization_id}  
Content-Type: application/json
```

URL参数

参数名	类型	是否必须	默认值	说明
organization_id	string	是	无	分部ID

请求体参数

```
{  
  $set{  
    修该的内容  
  }  
  $uset{  
    未修改内容  
  }  
}
```

\$set部分参数说明

参数名	类型	是否必须	默认值	说明
admins	list	否	无	管理员ID，如： ["5efae24570ff1b0012038be1"]
code	string	否	无	分部代码，如：002
currency_type	string	否	无	本位币，如：RMB

name 参数名	string 类型	是否必须	默认值	分布名称，如：1号子公司 说明
organization	string	否	无	关联部门ID，如：RyHKspvBSGRdbowAe
space	string	是	无	spaceid 如: jTaQzFyri4ojvYSQm
description	string	否	无	描述

\$unset部分可以不填

响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

响应消息体

```
{}
```

空

删除

请求语法

```
DELETE /api/v4/company/{organization_id}
```

URL参数

参数名	类型	是否必须	说明
organization_id	string	是	分部ID,添加分部会返回该ID

请求体参数

无

响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

响应消息体

```
{}
```

空

说明

若待删除部门存在关联，则不会删除成功，系统返回：

```
{
  "error": {
    "message": "请先清空关联组织值再删除该单位 [400]",
    "code": 400,
    "error": 400,
    "reason": "请先清空关联组织值再删除该单位"
  }
}
```

## 查询

### 请求语法

```
GET /api/v4/company HTTP/1.1
```

### URL参数

参数名	类型	是否必须	默认值	说明
\$top	string	否	50	分部ID
\$select	string	否	name,code,organization	展示字段，剩余可选项有： modified,owner,company_id,company_ids,locked
\$expand	string	否	organization	展开方式
\$count	string	否	true	统计

### 请求体参数

无

### 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

### 响应消息体

```
{
  "@odata.context":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#company",
  "@odata.count": 3,
  "value": [
    {
      "@odata.id":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('RyHKspvBSGRdbowAe')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('RyHKspvBSGRdbowAe')",
      "_id": "RyHKspvBSGRdbowAe",
    }
  ]
}
```

```

"name": "小米公司",
"organization": {
  "_id": "RyHKspvBSGRdbowAe",
  "reference_to.o": "organizations",
  "reference_to._o": "organizations",
  "_NAME_FIELD_VALUE": "小米公司"
},
"company_id": "RyHKspvBSGRdbowAe",
"owner": "5efae24570ff1b0012038be1",
"modified": "2020-06-30T06:57:21.524Z"
},
{
  "@odata.id":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('QqCvqQo2kKHC3yaSp')",
  "@odata.etag": "w/\"08D589720BBB3DB1\"",
  "@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('QqCvqQo2kKHC3yaSp')",
  "_id": "QqCvqQo2kKHC3yaSp",
  "name": "1号子公司",
  "owner": "5efae24570ff1b0012038be1",
  "modified": "2020-07-07T01:56:38.471Z",
  "company_id": "QqCvqQo2kKHC3yaSp",
  "organization": {
    "_id": "ZbARp2zbuxf5TfP36",
    "fullname": "1号子公司",
    "reference_to.o": "organizations",
    "reference_to._o": "organizations",
    "_NAME_FIELD_VALUE": "1号子公司"
  },
  "code": "001"
},
{
  "@odata.id":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('kjMgR3ZKqinTJxx5M')",
  "@odata.etag": "w/\"08D589720BBB3DB1\"",
  "@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/company('kjMgR3ZKqinTJxx5M')",
  "_id": "kjMgR3ZKqinTJxx5M",
  "name": "2号子公司",
  "code": "002",
  "owner": "5efae24570ff1b0012038be1",
  "modified": "2020-07-07T02:32:53.024Z",
  "company_id": "kjMgR3ZKqinTJxx5M",
  "organization": null
}
]
}

```

@odata.count 表示内容数量

value里面为该公司所有分部的信息

其中\_id 为该分部的唯一表示符，而organization内的\_id为关联部门的ID

说明

如果没有分部，服务端返回

```
{
  "@odata.context":
  "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#company",
  "@odata.count": 0,
  "value": []
}
```

签约对象-AccountsAPI

新增

请求语法

```
POST /api/v4/accounts
Content-Type: application/json
```

URL参数

无

请求体参数

```
{
  "name": name,
  "category": 1,
  "company_ids": ["QmBLZC5zKaEMu96QN"],
  "status": 1,
  "space": self.api.space
}
```

参数说明

参数名	类型	是否必须	说明
name	string	是	签约对象名称
registered_capital	int	否	注册资金
category	string	是	签约对象类别，企业：1，个人：2，其他：3
company_ids	list	是	关联部门ID，如：["QmBLZC5zKaEMu96QN"]
status	string	是	启用状态，未启用：1，已启用：2，停用：3
space	string	是	spaceid，如：jTaQzFyri4ojvYSQm，可以从cookies的X-Space-Id字段获取

响应语法



```
HTTP/1.1 200 OK
Content-Type: application/json
```

## 响应消息体

```
{
  "@odata.context":
  "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#accounts/$entity",
  "value": [
    {
      "@odata.id":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/accounts('38n6uHtDsdfmQ72jT')",
      "@odata.etag": "W/\"08D589720BBB3DB1\"",
      "@odata.editLink":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/accounts('38n6uHtDsdfmQ72jT')",
      "_id": "38n6uHtDsdfmQ72jT",
      "name": "testobj001",
      "registered_capital": 1000000,
      "category": "1",
      "company_ids": [
        "QmBLZC5zKaEMu96QN"
      ],
      "status": "2",
      "space": "jTaQzFyri4ojvYSQm",
      "owner": "5efae24570ff1b0012038be1",
      "created": "2020-07-07T07:42:50.989Z",
      "modified": "2020-07-07T07:42:50.989Z",
      "created_by": "5efae24570ff1b0012038be1",
      "modified_by": "5efae24570ff1b0012038be1",
      "company_id": "QmBLZC5zKaEMu96QN"
    }
  ]
}
```

value为创建的签约对象信息，其中\_id字段为唯一表示符，name为签约对象名称，依次类推说明

请求参数其余非必填参数可以自行通过浏览器抓包查看。

## 修改

### 请求语法

```
PUT /api/v4/accounts/{account_id}
Content-Type: application/json
```

### URL参数

参数名	类型	是否必须	默认值	说明
account_id	string	是	无	签约对象ID

请求参数

```
{
  "$set": {
    "name": "testobj001",
    "phone": "400-888888",
    "address": "南京市软件大道",
    "registered_capital": 1000000,
    "category": "1",
    "credit_code": "370202199507078631",
    "company_ids": [
      "QmBLZC5zKaEMu96QN"
    ],
    "status": "2",
    "space": "jTaQzFyri4ojvYSQm"
  }
}
```

参数说明

\$set部分为需要修改的字段

参数名	类型	是否必须	默认值	说明
name	string	是	无	签约对象名称
phone	string	否	无	电话号码
address	string	否	无	地址
registered_capital	int	否	无	注册资金
category	string	是	无	签约对象类别，企业：1，个人：2，其他：3
credit_code	string	否	无	征信代码，如：身份证号
company_ids	list	是	无	关联部门ID，如： ["QmBLZC5zKaEMu96QN"]
status	string	是	无	启用状态，未启用：1，已启用：2，停用：3
space	string	是	无	spaceid，如：jTaQzFyri4ojvYSQm

响应语法

HTTP/1.1 200 OK  
Content-Type: application/json

响应消息体

{}

修改成功返回空json串

删除

请求语法

DELETE /api/v4/accounts/{account\_id}

URL参数

参数名	类型	是否必须	默认值	说明
account_id	string	是	无	签约对象ID

请求体参数

无

响应语法

HTTP/1.1 200 OK  
Content-Type: application/json

响应消息体

{}

查询

请求语法

GET /api/v4/accounts?  
%24top=50&%24select=name%2Cphone%2Caddress%2Cregistered\_capital%2Ccategory%2Ccredit\_code%2Cowner%2Ccompany\_id%2Ccompany\_ids%2Clocked&%24count=true

URL参数

参数名	类型	是否必须	默认值	说明
\$top	string	是	50	一次展示的数量
\$select	string	是	name,phone,address,company_id	展示字段， 剩余可选项有： registered_capital,category,credit_code,owner,company_ids,locked
\$count	string	是	true	统计

## 请求体参数

无

## 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## 响应消息体

```
{
  "@odata.context":
  "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#accounts",
  "@odata.count": 1,
  "value": [
    {
      "@odata.id":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/accounts('38n6uHtDsdfmQ72jT')",
      "@odata.etag": "W/\"08D589720BBB3DB1\"",
      "@odata.editLink":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/accounts('38n6uHtDsdfmQ72jT')",
      "_id": "38n6uHtDsdfmQ72jT",
      "name": "testobj001",
      "registered_capital": 1000000,
      "category": "1",
      "company_ids": [
        "QmBLZC5zKaEMu96QN"
      ],
      "owner": "5efae24570ff1b0012038be1",
      "company_id": "QmBLZC5zKaEMu96QN",
      "address": "南京市软件大道",
      "credit_code": "370202199507078631",
      "phone": "400-888888"
    }
  ]
}
```

@odata.count 表示内容数量

value 内为当前所有签约对象

其中\_id 为该签约对象的唯一表示符

## 合同-ContractsAPI

### 新增

## 请求语法

```
POST /api/v4/contracts
Content-Type: application/json
```

URL参数

无

请求参数

```
{
  "no": "009",
  "create_date": "2020-07-07T07:31:06.754Z",
  "company_id": "QmBLZC5zKaEMu96QN",
  "othercompany": "38n6uHtDsdmQ72jT",
  "project": "jgrJCeMttzD8pHZhy",
  "contract_type": "7Gy5aL2sM3gqns77",
  "name": "test001",
  "bop": "付款合同",
  "applicant": "5efae24570ff1b0012038be1",
  "owner": "5efae24570ff1b0012038be1",
  "virtual_contract": "合同",
  "amount": 0,
  "amount_type": "固定",
  "receive_payment_type": "一次性",
  "paid_amount": 0,
  "unpaid_amount": 0,
  "receipted_amount": 0,
  "unclaimed_votes_amount": 0,
  "received_amount": 0,
  "unreceived_amount": 0,
  "for_invoicing_amount": 0,
  "unfor_invoicing_amount": 0,
  "space": "jTaQzFyri4ojvYSqm"
}
```

参数说明

参数名	类型	是否必须	说明	参考值
create_date	string	否	创建日期:	2020-07-07T07:31:06.754Z
othercompany	string	是	签约对象ID	
contract_type	string	是	合同类型ID	
name	string	是	合同名称	
company_id	sting	否	分部ID	
owner	string	否	所有者	
amount	int	否	合同金额	

amount_type	string	是否必须	金额类型 说明收款类型	固定 参考值 一次性
receive_payment_type	string	是	spaceid	spaceid，如: jTaQzFyri4ojvYSQm， 可以从cookies的X-Space-Id字段获取

## 响应语法

HTTP/1.1 200 OK  
Content-Type: application/json

## 响应消息体

```
{
  "@odata.context":
  "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#contracts/$entity",
  "value": [
    {
      "@odata.id":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contracts('59GHC6Rstg2WJNcwM')",
      "@odata.etag": "W/\"08D589720BBB3DB1\"",
      "@odata.editLink":
      "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contracts('59GHC6Rstg2WJNcwM')",
      "_id": "59GHC6Rstg2WJNcwM",
      "create_date": "2020-07-07T07:31:06.754Z",
      "othercompany": "38n6uHtDsdfmQ72jT",
      "contract_type": "nxjrSfTsgi3iwJgyC",
      "name": "test001",
      "amount": 0,
      "amount_type": "固定",
      "receive_payment_type": "一次性",
      "paid_amount": 0,
      "unpaid_amount": 0,
      "receipted_amount": 0,
      "unclaimed_votes_amount": 0,
      "received_amount": 0,
      "unreceived_amount": 0,
      "for_invoicing_amount": 0,
      "unfor_invoicing_amount": 0,
      "space": "jTaQzFyri4ojvYSQm",
      "owner": "5efae24570ff1b0012038be1",
      "virtual_contract": "合同",
      "created": "2020-07-07T09:54:04.165Z",
      "modified": "2020-07-07T09:54:04.165Z",
      "created_by": "5efae24570ff1b0012038be1",
      "modified_by": "5efae24570ff1b0012038be1",
      "company_id": "RyHKspvBSGRdbowAe",
      "company_ids": [
        "RyHKspvBSGRdbowAe"
      ],
    }
  ],
}
```

```
    "serial_number": "2"
  }
]
```

value 内为当前合同信息

其中\_id 为该分部的唯一表示符

## 修改

### 请求语法

```
PUT /api/v4/contracts/{contracts_id} HTTP/1.1
Content-Type: application/json
```

### URL参数

contracts\_id: 合同ID

### 请求体参数

```
{
  "$set": {
    "no": "009",
    "create_date": "2020-07-07T07:31:06.754Z",
    "company_id": "QmBLZC5zKaEMu96QN",
    "othercompany": "38n6uHtDsdfmQ72jT",
    "project": "jgrJCeMttzD8pHZhy",
    "contract_type": "7Gy5aL2sM3gqnsG77",
    "name": "test001",
    "bop": "付款合同",
    "applicant": "5efae24570ff1b0012038be1",
    "owner": "5efae24570ff1b0012038be1",
    "virtual_contract": "合同",
    "amount": 0,
    "amount_type": "固定",
    "receive_payment_type": "一次性",
    "paid_amount": 0,
    "unpaid_amount": 0,
    "receipted_amount": 0,
    "unclaimed_votes_amount": 0,
    "received_amount": 0,
    "unreceived_amount": 0,
    "for_invoicing_amount": 0,
    "unfor_invoicing_amount": 0,
    "space": "jTaQzFyri4ojvYSQm"
  }
}
```

### 参数说明

\$set中为待修改的字段，全部非必填，如想修改某个信息，只需传入该信息对应的键值对即可，如只修改编号

```
{"$set":{"no":"009"}}
```

## 响应语法

```
HTTP/1.1 200 OK  
Content-Type: application/json
```

## 响应消息体

```
{}
```

 #修改成功返回空

## 删除

### 请求语法

```
DELETE /api/v4/contracts/{contracts_id} HTTP/1.1
```

### URL参数

contracts\_id: 合同编号

### 请求体参数

无

### 响应语法

```
HTTP/1.1 200 OK  
Content-Type: application/json
```

## 响应消息体

```
{}
```

 #删除成功返回空

## 查询

### 请求语法

```
GET /api/v4/contracts HTTP/1.1
```

### URL参数



参数名	类型	是否必须	说明
\$orderby	string	否	排列方式, 如create_date desc
\$top	string	否	最大展示数量,如50
\$select	string	否	展示字段, 以下为可选项, 用逗号分割: create_date,name,company_id,othercompany, amount,contract_type,owner,start_date, end_date,bop,company_ids,locked
\$expand	string	否	company_id,othercompany,contract_type,owner
\$filter	string	否	过滤器: 如((contract_state ne 'terminated'))
\$count	string	否	统计, 布尔值, 如true

#### 请求体参数

无

#### 响应语法

无

#### 响应消息体

```
{
  "@odata.context":
    "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/$metadata#contracts",
  "@odata.count": 1,
  "value": [
    {
      "@odata.id":
        "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contracts('ux9LLGbG8v2YiuC9S')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
        "http://127.0.0.1:5040/api/odata/v4/jTaQzFyri4ojvYSQm/contracts('ux9LLGbG8v2YiuC9S')",
      "_id": "ux9LLGbG8v2YiuC9S",
      "create_date": "2020-07-07T07:31:06.754Z",
      "othercompany": {
        "_id": "38n6uHtDsdFmQ72jT",
        "reference_to.o": "accounts",
        "reference_to._o": "accounts",
        "_NAME_FIELD_VALUE": "testobj001"
      },
      "contract_type": {
        "_id": "nxjrSfTsgi3iwJgyc",

```

```
    "reference_to.o": "contract_types",
    "reference_to._o": "contract_types",
    "_NAME_FIELD_VALUE": "30号合同"
  },
  "name": "租房合同",
  "owner": {
    "_id": "5efae24570ff1b0012038be1",
    "reference_to.o": "users",
    "reference_to._o": "users",
    "_NAME_FIELD_VALUE": "user1"
  },
  "amount": 0,
  "company_id": "RyHKspvBSGRdbowAe",
  "company_ids": [
    "RyHKspvBSGRdbowAe"
  ]
}
]
```

@odata.count 表示内容数量

value 内为当前所有合同对象

其中\_id 为该合同对象的唯一表示符

## 部门-OrganizAPI

### 新增

#### 请求语法

```
POST /api/v4/organizations HTTP/1.1
Content-Type: application/json
```

#### URL参数

无

#### 请求体参数

```
{
  "name": "utuytut",
  "parent": "qpG8DswSaY8FAwwxN",
  "sort_no": 100,
  "hidden": false,
  "space": "NhnKCEchFREJbgqZM"
}
```

#### 参数说明

参数名	类型	是否必须	说明	参考值
name	string	是	名称:	2020-07-07T07:31:06.754Z
parent	string	是	上级部门ID	参考实际值
sort_no	int	是	排序编号	默认100
hidden	boolean	否	是否隐藏	默认false
space	string	是	空间ID	spaceid, 如: jTaQzFyri4ojvYSQm, 可以从cookies的X-Space-Id字段获取

### 响应语法

HTTP/1.1 200 OK  
Content-Type: application/json

### 响应消息体

```
{
  "@odata.context":
    "http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREjbgqZM/$metadata#organizations/$entity",
  "value": [
    {
      "@odata.id":
        "http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREjbgqZM/organizations('acxgthsjrN28q9o3x')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
        "http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREjbgqZM/organizations('acxgthsjrN28q9o3x')",
      "_id": "acxgthsjrN28q9o3x",
      "name": "utuytut",
      "parent": "qpG8DswSaY8FAwwxN",
      "sort_no": 100,
      "hidden": false,
      "space": "NhnKCEchFREjbgqZM",
      "created_by": "5efc85f0ede58d0012c65bb5",
      "created": "2020-09-22T06:51:34.543Z",
      "modified_by": "5efc85f0ede58d0012c65bb5",
      "modified": "2020-09-22T06:51:34.543Z",
      "company_id": "qpG8DswSaY8FAwwxN",
      "owner": "5efc85f0ede58d0012c65bb5",
      "fullname": "utuytut",
      "parents": [
```

```
    "qpG8DswSaY8FAWwXN"  
  ]  
}  
]  
}
```

## 修改

### 请求语法

```
PUT /api/v4/organizations/{organization_id} HTTP/1.1
```

### URL参数

organization\_id: 部门ID

### 请求体参数

```
{  
  "$set": {  
    "name": "testccc",  
    "parent": "qpG8DswSaY8FAWwXN",  
    "sort_no": 100,  
    "hidden": false,  
    "space": "NhNKEchFREJbgqZM"  
  }  
}
```

### 响应语法

```
HTTP/1.1 200 OK  
Content-Type: application/json
```

### 响应消息体

## 删除

### 请求语法

```
DELETE /api/v4/organizations/{organization_id} HTTP/1.1
```

### URL参数

organization\_id: 部门ID

### 请求体参数

无

响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

响应消息体

```
{}
```

#删除成功返回空

查询

请求语法

```
GET /api/v4/organizations HTTP/1.1
```

URL参数

参数名	类型	是否必须	说明	参考值
spaceid	string	是	空间ID	无
\$orderby	string	否	排序方式	sort_no desc,name
\$select	string	否	展示字段	name,parent,children,company_id
\$expand	string	否	扩展记录	company_id(\$select=admins)
\$filter	string	否	查询条件	parent eq 'RyHKspvBSGRdbowAe'

请求体参数

无

响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

响应参数

```
{
  "@odata.context":
"http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREJbgqZM/$metadata#organizations",
  "@odata.count": 2,
  "value": [
    {
      "@odata.id":
"http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREJbgqZM/organizations('qpG8DswSaY8FAWwXN')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREJbgqZM/organizations('qpG8DswSaY8FAWwXN')",

```

```

    "_id": "qpG8DswSaY8FAwwxN",
    "name": "大米1号",
    "fullname": "大米1号",
    "is_company": true,
    "users": [
      "5efc85f0ede58d0012c65bb5"
    ],
    "company_id": "qpG8DswSaY8FAwwxN",
    "space": "NhnKCEchFREJbgqZM",
    "owner": "5efc85f0ede58d0012c65bb5",
    "created_by": "5efc85f0ede58d0012c65bb5",
    "created": "2020-07-01T12:47:45.727Z",
    "modified_by": "5efc85f0ede58d0012c65bb5",
    "modified": "2020-07-01T12:47:45.727Z",
    "children": [
      "3ZLncDixGrxRHakiv"
    ]
  },
  {
    "@odata.id":
"http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREJbgqZM/organizations('3ZLncDixGrxRHakiv')",
    "@odata.etag": "w/\"08D589720BBB3DB1\"",
    "@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/NhnKCEchFREJbgqZM/organizations('3ZLncDixGrxRHakiv')",
    "_id": "3ZLncDixGrxRHakiv",
    "name": "销售部",
    "parent": "qpG8DswSaY8FAwwxN",
    "sort_no": 100,
    "hidden": false,
    "space": "NhnKCEchFREJbgqZM",
    "created_by": "5efc85f0ede58d0012c65bb5",
    "created": "2020-09-22T08:19:25.439Z",
    "modified_by": "5efc85f0ede58d0012c65bb5",
    "modified": "2020-09-22T08:19:25.439Z",
    "company_id": "qpG8DswSaY8FAwwxN",
    "owner": "5efc85f0ede58d0012c65bb5",
    "fullname": "销售部",
    "parents": [
      "qpG8DswSaY8FAwwxN"
    ]
  }
]
}

```

## 用户 (创建空间请走UI流程)

**新建(无法设置密码,使用邀请注册可以设置密码)**

请求语法

```
POST /api/v4/space_users
Content-Type: application/json
```

## URL参数

无

## 请求参数

```
{
  "name": "test",
  "email": "testuser@test.com",
  "mobile": "18012345678",
  "organizations": [
    "eQtct3DyHZfE6SSnR"
  ],
  "profile": "user",
  "is_supplier": false,
  "is_customer": false,
  "locale": "zh-cn",
  "sort_no": 0,
  "email_notification": false,
  "sms_notification": false,
  "user_accepted": true,
  "space": "m5b9NXiSo5tomnGFS"
}
```

## 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## 响应消息体

```
{
  "@odata.context":
    "http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/$metadata#space_users/$entity",
  "value": [
    {
      "@odata.id":
        "http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/space_users('8pErJzBg9upmLeymg')",
      "@odata.etag": "w/\"08D589720BBB3DB1\"",
      "@odata.editLink":
        "http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/space_users('8pErJzBg9upmLeymg')",
      "_id": "8pErJzBg9upmLeymg",
      "name": "test",
      "email": "testuser@test.com",
      "mobile": "18012345678",
      "organizations": [
        "eQtct3DyHZfE6SSnR"
      ],
      "profile": "user",
      "is_supplier": false,

```

```
{
  "is_customer": false,
  "locale": "zh-cn",
  "sort_no": 0,
  "email_notification": false,
  "sms_notification": false,
  "user_accepted": true,
  "space": "m5b9NXiSo5tomnGFS",
  "owner": "3mkCuvgsANPw8FmhX",
  "created": "2020-07-24T06:36:55.387Z",
  "modified": "2020-07-24T06:36:55.387Z",
  "created_by": "5efb4b81ede58d0012c65b9f",
  "modified_by": "5efb4b81ede58d0012c65b9f",
  "invite_state": "accepted",
  "mobile_verified": false,
  "email_verified": false,
  "user": "3mkCuvgsANPw8FmhX",
  "organization": "eQtct3DyHZfE6SSnR",
  "company_id": "eQtct3DyHZfE6SSnR",
  "organizations_parents": [
    "eQtct3DyHZfE6SSnR"
  ],
  "company_ids": [
    "eQtct3DyHZfE6SSnR"
  ]
}
```

## 修改

### 请求语法

```
PUT /api/v4/space_users/{user_id}
```

### URL参数

用户ID

### 请求参数

待定, {"\$set":{"sort\_no":0}}

### 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

### 响应消息体

无

## 删除



## 请求语法

```
DELETE /api/v4/space_users/{user_id}
```

## URL参数

用户ID

## 请求参数

无

## 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## 响应消息体

无

## 查询

### 请求语法

```
GET /api/v4/space_users/?params
```

### URL参数

```
$orderby: sort_no
$top: 50
$select: name,mobile,email,position,sort_no,owner,company_id,company_ids,locked
$filter: ((user_accepted eq true))
$count: true
```

### 请求参数

无

### 响应语法

```
HTTP/1.1 200 OK
Content-Type: application/json
```

### 响应消息体

```
{
  "@odata.context":
    "http://127.0.0.1:5040/api/odata/v4/m5b9NXiso5tomnGFS/$metadata#space_users",
  "@odata.count": 3,
  "value": [
    {
```

```
"@odata.id":
"http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/space_users('22HuqvEFvyBPnhngu')",
"@odata.etag": "w/\"08D589720BBB3DB1\"",
"@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/space_users('22HuqvEFvyBPnhngu')",
"_id": "22HuqvEFvyBPnhngu",
"owner": "5efb4b81ede58d0012c65b9f",
"name": "钱一维",
"email": "user2@test.com",
"company_id": "eQtct3DyHZfE6SSnR",
"company_ids": [
    "eQtct3DyHZfE6SSnR"
],
"mobile": "1832222222",
"position": "系统管理员",
"sort_no": 0
},
{
    "@odata.id":
"http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/space_users('g5FoQ5BtcppFEQGjG')",
"@odata.etag": "w/\"08D589720BBB3DB1\"",
"@odata.editLink":
"http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/space_users('g5FoQ5BtcppFEQGjG')",
"_id": "g5FoQ5BtcppFEQGjG",
"name": "小明",
"mobile": "13012345678",
"sort_no": 0,
"owner": "jZkoAZBgXAccu7xjM",
"company_id": "eQtct3DyHZfE6SSnR",
"company_ids": [
    "eQtct3DyHZfE6SSnR"
]
},
{
    "@odata.id":
"http://127.0.0.1:5040/api/odata/v4/m5b9NXiSo5tomnGFS/space_users('EpRbLsAgrrqSJbCXk')",
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"_id": "EpRbLsAgrrqSJbCXk",
"name": "小明2号",
"mobile": "13112345678",
"sort_no": 0,
"owner": "RXtdTaYf3Pdx5i9fw",
"company_id": "eQtct3DyHZfE6SSnR",
"company_ids": [
    "eQtct3DyHZfE6SSnR"
],
"email": "xiaoming2@test.com"
}
]
}
```

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