es admin rest api

# Table of Contents

# Chapter 1. Overview

## 1.1. URI scheme

Host: localhost:8080
BasePath: /

## 1.2. Tags

- es-admin-controller: Es Admin Controller

# Chapter 2. Definitions

## 2.1. DocQo

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| clusterName | 集群名称 | false | string | |
| crudType | es 操作　型 | false | enum (C, R, U, D) | |
| index | 索引名称 | false | string | |
| nodes | 集群主机IP及端口 | false | string | |
| sources | 操作数据列表 | false | Source array | |
| type | es type名称 | false | string | |

## 2.2. Field

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| analyzer | | false | string | |
| fields | | false | object | |
| name | | false | string | |
| properties | | false | object | |
| searchAnalyzer | | false | string | |
| type | | false | enum (KEYWORD, STRING, LONG, DOUBLE, DATETIME, OBJECT, OBJECT_ARRAY, NONE) | |

## 2.3. IndexAdminQo

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| clusterName | 集群名称 | false | string | |
| index | 索引名称 | false | string | |
| nodes | 集群主机IP及端口 | false | string | |

## 2.4. IndexMappingQo

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| clusterName | 集群名称 | false | string | |
| index | 索引名称 | false | string | |
| nodes | 集群主机IP及端口 | false | string | |
| numberOfReplicas | 索引副本数 | false | integer (int32) | |
| numberOfShards | 索引分片数 | false | integer (int32) | |

## 2.5. Message

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| code | | false | integer (int32) | |
| desc | 描述 | false | string | |

## 2.6. Payload«object»

用于表示接口　　内容

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| data | 数据内容 | false | object | |

## 2.7. Response

用于返回接口　　的内容

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| message | 求　　信息 | false | Message | |
| payload | 求　　数据 | false | Payload«object» | |
| success | 求是否成功：true（成功）；false（失　） | false | boolean | |

## 2.8. Source

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| id | 主 | false | string | |
| source | 字段 | false | object | |

## 2.9. TypeMappingQo

| Name | Description | Required | Schema | Default |
|------|-------------|----------|--------|---------|
| clusterName | 集群名称 | false | string | |
| index | 索引名称 | false | string | |
| nodes | 集群主机IP及端口 | false | string | |
| properties | 字段　型映射 | false | object | |
| type | 索引type | false | string | |

# Chapter 3. Resources

## 3.1. Es-admin-controller

Es Admin Controller

### 3.1.1.　建ES的index

```
POST /createIndex
```

**Parameters**

| Type | Name | Description | Required | Schema | Default |
|------|------|-------------|----------|--------|---------|
| BodyParameter | indexMappingQo | indexMappingQo | true | IndexMappingQo | |

**Responses**

| HTTP Code | Description | Schema |
|-----------|-------------|--------|
| 200 | OK | Response |
| 201 | Created | No Content |
| 401 | Unauthorized | No Content |
| 403 | Forbidden | No Content |
| 404 | Not Found | No Content |

**Consumes**

- application/json

**Produces**

- /

### 3.1.2.　除ES的index

```
POST /deleteIndex
```

**Parameters**

| Type | Name | Description | Required | Schema | Default |
|------|------|-------------|----------|--------|---------|
| BodyParameter | indexAdminQo | indexAdminQo | true | IndexAdminQo | |

**Responses**

| HTTP Code | Description | Schema |
|-----------|-------------|--------|
| 200 | OK | Response |
| 201 | Created | No Content |
| 401 | Unauthorized | No Content |
| 403 | Forbidden | No Content |
| 404 | Not Found | No Content |

**Consumes**

- application/json

**Produces**

- /

### 3.1.3. 清空ES的type中的数据

```
POST /deleteType
```

**Parameters**

| Type | Name | Description | Required | Schema | Default |
|------|------|-------------|----------|--------|---------|
| BodyParameter | typeMappingQo | typeMappingQo | true | TypeMappingQo | |

**Responses**

| HTTP Code | Description | Schema |
|-----------|-------------|--------|
| 200 | OK | Response |
| 201 | Created | No Content |
| 401 | Unauthorized | No Content |

| HTTP Code | Description | Schema |
| --- | --- | --- |
| 403 | Forbidden | No Content |
| 404 | Not Found | No Content |

**Consumes**

- application/json

**Produces**

- /

### 3.1.4. 判断ES的index是否存在

```
POST /existsIndex
```

**Parameters**

| Type | Name | Description | Required | Schema | Default |
| --- | --- | --- | --- | --- | --- |
| BodyParameter | indexAdminQo | indexAdminQo | true | IndexAdminQo | |

**Responses**

| HTTP Code | Description | Schema |
| --- | --- | --- |
| 200 | OK | Response |
| 201 | Created | No Content |
| 401 | Unauthorized | No Content |
| 403 | Forbidden | No Content |
| 404 | Not Found | No Content |

**Consumes**

- application/json

**Produces**

- /

### 3.1.5.　改数据

```
POST /bulkCud
```

**Parameters**

| Type | Name | Description | Required | Schema | Default |
|------|------|-------------|----------|--------|---------|
| BodyParameter | docQo | docQo | true | DocQo | |

**Responses**

| HTTP Code | Description | Schema |
|-----------|-------------|--------|
| 200 | OK | Response |
| 201 | Created | No Content |
| 401 | Unauthorized | No Content |
| 403 | Forbidden | No Content |
| 404 | Not Found | No Content |

**Consumes**

- application/json

**Produces**

- /

### 3.1.6.　建ES的type

```
POST /createType
```

**Parameters**

| Type | Name | Description | Required | Schema | Default |
|------|------|-------------|----------|--------|---------|
| BodyParameter | typeMappingQo | typeMappingQo | true | TypeMappingQo | |

**Responses**

| HTTP Code | Description | Schema |
| --- | --- | --- |
| 200 | OK | Response |
| 201 | Created | No Content |
| 401 | Unauthorized | No Content |
| 403 | Forbidden | No Content |
| 404 | Not Found | No Content |

**Consumes**

- application/json

**Produces**

- /

### 3.1.7. 判断ES的type是否存在

```
POST /existsType
```

**Parameters**

| Type | Name | Description | Required | Schema | Default |
| --- | --- | --- | --- | --- | --- |
| BodyParameter | typeMappingQo | typeMappingQo | true | TypeMappingQo | |

**Responses**

| HTTP Code | Description | Schema |
| --- | --- | --- |
| 200 | OK | Response |
| 201 | Created | No Content |
| 401 | Unauthorized | No Content |
| 403 | Forbidden | No Content |
| 404 | Not Found | No Content |

**Consumes**

- application/json

**Produces**

- /