

es admin rest api

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Chapter 1. Overview

1.1. URI scheme

Host: localhost:8080

BasePath: /

1.2. Tags

- [elasticsearch管理模 -API]: 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, GEO_POINT, 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

信息

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

2.6. Payload«object»

非分 数据

Name	Description	Required	Schema	Default
data	数据内容	false	object	

2.7. Response

不分 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（失败）	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. [elasticsearch管理模 -API]

Es Admin Controller

3.1.1. 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
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

3.1.2. 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

- /

3.1.3. 改ES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

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

Consumes

- application/json

Produces

- /

3.1.4. 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

- /

3.1.5. 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

- /

3.1.6. 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

- /

3.1.7. 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

- /