

ES搭建好后，可以通过ip:9200(端口)来对ES进行访问，这里需要用户名和密码，elastic changeme

1. 插入索引 -u为ES的用户名和密码 twitter为index，对应着数据库中的database。tweet为Type，对应着数据库中的表。1为id

-d 后面为document:

```
curl -u elastic:changeme -XPUT 'http://localhost:9200/twitter/tweet/1' -d '{
  "user" : "kimchy",
  "post_date" : "2009-11-15T14:12:12",
  "message" : "trying out Elastic Search"
}'
```

插入正确后返回的结果为:

```
{ "_index": "twitter", "_type": "tweet", "_id": "1", "_version": 1, "result": "created", "_shards": {
"total": 2, "successful": 1, "failed": 0 }, "created": true }
```

2. 查询索引:

```
curl -u elastic:changeme -XGET 'http://localhost:9200/twitter/tweet/1'
```

查询结果:

```
{ "_index": "twitter", "_type": "tweet", "_id": "1", "_version": 1, "found": true, "_source": {
  "user" : "kimchy",
  "post_date" : "2009-11-15T14:12:12",
  "message" : "trying out Elastic Search"
}}
```

```
curl -u elastic:changeme -XGET 'http://localhost:9200/twitter/tweet/1?pretty'
```

会让查询返回的结果展示成json格式

3. 删除索引:

```
curl -u elastic:changeme -XDELETE 'http://localhost:9200/twitter/tweet/1'
```

返回结果

```
{ "found": true, "_index": "twitter", "_type": "tweet", "_id": "1", "_version": 2, "result": "deleted", "_shards": {
"total": 2, "successful": 1, "failed": 0 } }
```

4. 更新数据

```
shenhong.18@n8-118-052:/dev$ curl -u elastic:changeme -XPOST 'localhost:9200/customer/external/1?pretty' -d' {"name": "John Doe" }'
{
  "_index": "customer",
  "_type": "external",
  "_id": "1",
  "_version": 1,
  "result": "created",
  "_shards": {
    "total": 2,
    "successful": 1,
    "failed": 0
  },
  "created": true
}
```

```
shenhong.18@n8-118-052:~$ curl -u elastic:changeme -XPOST 'http://localhost:9200/customer/external/1/_update?pretty' -d '{"doc": {"name": "xyd", "age": 20}}'
{
  "_index" : "customer",
  "_type" : "external",
  "_id" : "1",
  "_version" : 2,
  "result" : "updated",
  "_shards" : {
    "total" : 2,
    "successful" : 1,
    "failed" : 0
  }
}
shenhong.18@n8-118-052:~$ curl -u elastic:changeme -XGET 'http://localhost:9200/customer/external/1?pretty'
{
  "_index" : "customer",
  "_type" : "external",
  "_id" : "1",
  "_version" : 2,
  "found" : true,
  "_source" : {
    "name" : "xyd",
    "age" : 20
  }
}
```

☐ 看上面的开始name为John Doe，后通过\_update将name改为xyd，并且新加一个age字段为20