以索引库student为例：

1.创建student索引库(前提是右击运行了elasticsearch，或者把elasticsearch作为服务在后台运行)

启动kibana：打开kibana所在目录的bin目录，右击kibana.bat,选择以管理员的身份运行，成功后打开浏览器，输入：<http://localhost:5601>打开kibana

选择“dev tools”

新建student索引库：PUT /student

2.增加一条记录，用POST发送请求

POST /student/\_doc/001

{

"name":"Mike",

"age":20,

"gender":"male",

"email":"Mike123@gmail.com"

}

结果：

|  |
| --- |
| {  "\_index" : "student",  "\_type" : "\_doc",  "\_id" : "001",  "\_version" : 1,  "result" : "created",  "\_shards" : {  "total" : 2,  "successful" : 1,  "failed" : 0  },  "\_seq\_no" : 0,  "\_primary\_term" : 1  } |

用同样的方法再增加几个记录。

3.修改一条记录，使用PUT请求

如：将002号记录的年龄修改为18，名字改为“Lucy”，邮箱改为[Lucylee@hotmail.com](mailto:Lucylee@hotmail.com)

PUT /student/\_doc/002

{

"name":"Lucy",

"age" : 18,

"gender":"Femaile",

"email":"Lucylee@hotmail.com"

}

结果

|  |
| --- |
| {  "\_index" : "student",  "\_type" : "\_doc",  "\_id" : "002",  "\_version" : 3,  "result" : "updated",  "\_shards" : {  "total" : 2,  "successful" : 1,  "failed" : 0  },  "\_seq\_no" : 4,  "\_primary\_term" : 1  } |

注意：即使只更新一个属性，都必须把所有属性写在一起提交，否则这个记录就只有一个属性（其余的都被取消）

4.删除一条记录，例如，删除id为003的记录

DELETE /student/\_doc/003

结果

|  |
| --- |
| {  "\_index" : "student",  "\_type" : "\_doc",  "\_id" : "003",  "\_version" : 2,  "result" : "deleted",  "\_shards" : {  "total" : 2,  "successful" : 1,  "failed" : 0  },  "\_seq\_no" : 5,  "\_primary\_term" : 1  } |

5.查询id为002的记录

GET /student/\_doc/002

结果：

|  |
| --- |
| {  "\_index" : "student",  "\_type" : "\_doc",  "\_id" : "002",  "\_version" : 4,  "\_seq\_no" : 7,  "\_primary\_term" : 1,  "found" : true,  "\_source" : {  "name" : "Lucy",  "age" : 18,  "gender" : "Female",  "email" : "Lucylee@hotmail.com"  }  } |

6.查询name为“Paula”的记录

GET /student/\_search

{

"query": {

"match": {

"name": "Paula"

}

}

}

结果：

|  |
| --- |
| {  "took" : 8,  "timed\_out" : false,  "\_shards" : {  "total" : 1,  "successful" : 1,  "skipped" : 0,  "failed" : 0  },  "hits" : {  "total" : {  "value" : 1,  "relation" : "eq"  },  "max\_score" : 0.9808292,  "hits" : [  {  "\_index" : "student",  "\_type" : "\_doc",  "\_id" : "003",  "\_score" : 0.9808292,  "\_source" : {  "name" : "Paula",  "age" : 18,  "gender" : "Female",  "email" : "Paula@hotmail.com"  }  }  ]  }  } |

7.模糊查找

GET /student/\_search

{

"query": {

"match": {

"name": {

"query": "m",

"fuzziness": "0.5",

"operator": "and"

}

}

}

}

结果：

|  |
| --- |
| {  "took" : 1,  "timed\_out" : false,  "\_shards" : {  "total" : 1,  "successful" : 1,  "skipped" : 0,  "failed" : 0  },  "hits" : {  "total" : {  "value" : 0,  "relation" : "eq"  },  "max\_score" : null,  "hits" : [ ]  }  } |

GET /student/\_search

{

"query": {

"multi\_match": {

"fields": [ "name"],

"query": "m",

"fuzziness": "AUTO"

}

}

}

结果：

|  |
| --- |
| {  "took" : 0,  "timed\_out" : false,  "\_shards" : {  "total" : 1,  "successful" : 1,  "skipped" : 0,  "failed" : 0  },  "hits" : {  "total" : {  "value" : 0,  "relation" : "eq"  },  "max\_score" : null,  "hits" : [ ]  }  } |