pom.xml

引入

<**dependency**>  
 <**groupId**>org.elasticsearch.client</**groupId**>  
 <**artifactId**>elasticsearch-rest-high-level-client</**artifactId**>  
 <**version**>7.4.2</**version**>  
</**dependency**>

并且添加**elasticsearch.version**版本为7.4.2

<**properties**>  
 <**java.version**>1.8</**java.version**>  
 <**elasticsearch.version**>7.4.2</**elasticsearch.version**>  
</**properties**>

**Elasticsearch的server端可以采用6.5.4版本（也就是D:\elasticsearch-6.5.4）**

**启动后 访问 localhost:9200**

**项目**

**首先**

**添加一个配置类，用来初始化es的配置（属性文件不需要配置es信息）**

@Configuration  
**public class** EsConfig {  
  
 @Bean  
 **public** RestHighLevelClient esRestClient() {  
 RestHighLevelClient client = **new** RestHighLevelClient(  
 RestClient.*builder*(  
 **new** HttpHost(**"localhost"**, 9200, **"http"**)));  
 **return** client;  
 }  
}

Curd参考官方文档

<https://www.elastic.co/guide/en/elasticsearch/client/java-rest/7.8/java-rest-high-document-index.html>

新增index（插数据）

*/\*\*  
 \* es保存数据  
 \** ***@throws*** *Exception  
 \*/*@GetMapping(**"/save"**)  
**public void** save()**throws** Exception{  
 IndexRequest indexRequest = **new** IndexRequest(**"users"**);  
 *//6.8.7版本的ES，如果不指定文档类型，那么汇报错：org.elasticsearch.action.ActionRequestValidationException: Validation Failed: 1: type is missing;* indexRequest.type(**"doc"**);  
 indexRequest.id(**"1"**);  
 *//如果出现：java.net.SocketTimeoutException: 30,000 milliseconds timeout on connection http-outgoing-0 [ACTIVE]  
 //如果还是不行就重启ElasticSearch，就解决了* indexRequest.timeout(TimeValue.*timeValueSeconds*(60));  
 User user = **new** User();  
 user.setAge(12);  
 user.setGender(**"11"**);  
 user.setUserName(**"zxl"**);  
 String json = JSON.*toJSONString*(user);  
 indexRequest.source(json, XContentType.***JSON***);  
 IndexResponse indexResponse = **client**.index(indexRequest, RequestOptions.***DEFAULT***);  
 System.***out***.println(indexResponse);  
}

查询数据

*/\*\*  
 \* es查询数据  
 \** ***@throws*** *Exception  
 \*/*@GetMapping(**"/query"**)  
**public void** query()**throws** Exception{GetRequest getRequest = **new** GetRequest(  
 **"users"**,  
 **"doc"**,  
 **"1"**);  
 GetResponse getResponse = **client**.get(getRequest, RequestOptions.***DEFAULT***);  
 System.***out***.println(JSON.*toJSON*(getResponse));  
}