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lucene-core lucene-analyzers-common lucene-highlighter lucene-memory lucene-queryparse

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```
import java.io.File;
import java.io.IOException;
import java.util.ArrayList;
import java.util.List;
```

package com.lucene.test;

```
import org.apache.lucene.analysis.Analyzer;
import org.apache.lucene.analysis.standard.StandardAnalyzer;
import org.apache.lucene.document.Document;
import org.apache.lucene.document.Field;
import org.apache.lucene.document.FieldType;
import org.apache.lucene.document.TextField;
import org.apache.lucene.index.IndexWriter;
import org.apache.lucene.index.IndexWriterConfig;
import org.apache.lucene.store.Directory;
import org.apache.lucene.store.FSDirectory;
import org.springframework.context.ApplicationContext;
import org.springframework.context.support.ClassPathXmlApplicationContext;
import com.baidu.entity.Item;
import com.baidu.service.ItemService;
public class CreateIndex {
   public static void main(String[] args) {
       ApplicationContext context = new
ClassPathXmlApplicationContext("spring.xml");
       ItemService service = context.getBean(ItemService.class);
       List<Item> list = service.findAllItems();
       try {
           Directory directory = FSDirectory.open(new
File("E:/dicindex").toPath());
           //000
           Analyzer analyzer = new StandardAnalyzer();
           IndexWriterConfig config = new IndexWriterConfig(analyzer);
           //10000IndexWriter00
           IndexWriter writer = new IndexWriter(directory,config);
           //0000000Document00
           List<Document> dlist = new ArrayList<Document>();
           //0000list0item00000
           for (Item item : list) {
                    * TYPE_STORED
                    * TYPE_NOT_STORED 00000000
                   Document document = new Document();
```

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```
FieldType type = new FieldType(TextField. TYPE_STORED);
                   /*type.setStored(false);//DDDD
                   type.setTokenized(false);//0000*/
                   //200Article000document00
                   Field idfield = new
Field("id",item.getId().toString(),type);
                   Field titlefield = new
Field("title",item.getTitle(),type);
                   Field contentfield = new
Field("content",item.getSellPoint(),type);
                   document.add(idfield);
                   document.add(titlefield);
                   document.add(contentfield);
                   dlist.add(document);
           }
           //300document0000000
           writer.addDocuments(dlist);
           //400000
           writer.close();
       } catch (IOException e) {
           e.printStackTrace();
       System.out.println("00000");
   }
}
```

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```
import java.util.List;
   import org.apache.lucene.analysis.Analyzer;
   import org.apache.lucene.analysis.standard.StandardAnalyzer;
   import org.apache.lucene.document.Document;
   import org.apache.lucene.index.DirectoryReader;
   import org.apache.lucene.index.IndexReader;
   import org.apache.lucene.queryparser.classic.MultiFieldQueryParser;
   import org.apache.lucene.queryparser.classic.QueryParser;
   import org.apache.lucene.search.IndexSearcher;
   import org.apache.lucene.search.Query;
   import org.apache.lucene.search.ScoreDoc;
   import org.apache.lucene.search.TopDocs;
   import org.apache.lucene.store.Directory;
   import org.apache.lucene.store.FSDirectory;
   import com.baidu.entity.Item;
   public class FindIndex {
       public static void main(String[] args) {
               Directory directory = FSDirectory.open(new
File("E:/dicindex").toPath());
               IndexReader reader = DirectoryReader.open(directory);
               IndexSearcher search = new IndexSearcher(reader);
               //000
              Analyzer analyzer = new StandardAnalyzer();
               //00000000
   //
              QueryParser parser = new QueryParser("content", analyzer);
               //00000000
               QueryParser parser = new MultiFieldQueryParser(new
String[]{"title","content"}, analyzer);
              Query query = parser.parse("[["]");
               TopDocs topDocs = search.search(query, 20);
               int total = topDocs.totalHits://0000000
               System.out.println("000000(00)00000"+total);
               //0000000
               ScoreDoc[] scoreDocs = topDocs.scoreDocs;
               List<Item> list = new ArrayList<Item>();
               for (ScoreDoc scoreDoc : scoreDocs) {
                  //000000
                  int index = scoreDoc.doc;
```

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This document was truncated here because it was created in the Evaluation Mode.