

README

全文搜索

使用Lucene

添加了IndexFiles 和SearchFiles， 并且每次后端重启的时候就生成新的indexFile, 传入前端的query请求， 得到List的结果

The screenshot shows two code files in a code editor:

BookstoreApplication.java:

```
public static void main(String[] args) {
    // Launch the application
    ConfigurableApplicationContext context = S
    JdbcTemplate jdbcTemplate = context.getBean(
        indexFiles = new IndexFiles();
        indexFiles.updateIndexFiles();
```

BookController.java:

```
/*
 * 
 */
@RestController
public class BookController {

    @Autowired
    private BookService bookService;

    @GetMapping("/searchBooks")
    public List<Book> searchBooks(@RequestParam("query") String query){
        return bookService.searchBooks( query);
```

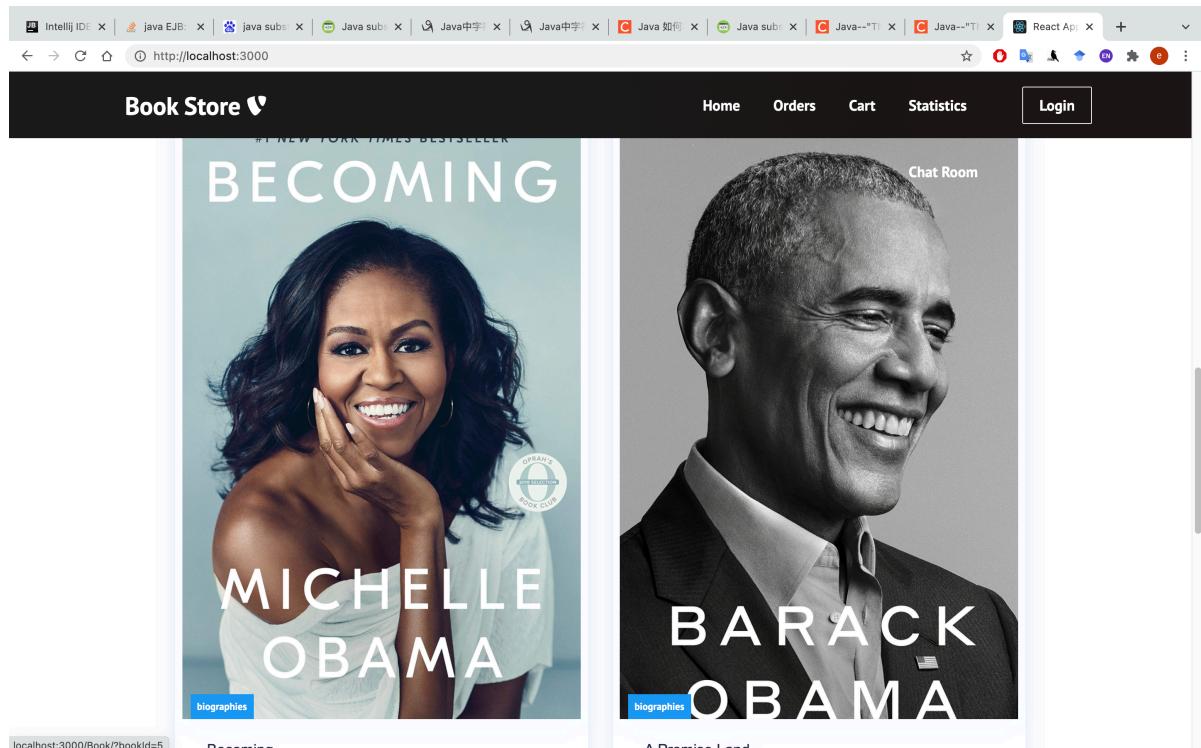
实现效果

Books

Obama

Search

Reset



webservice

采用restfulWebService, 因为只有查询, 所以就用getMapping

```
//      @RequestMapping(value="/books", method = RequestMethod.GET,params = "query")
@GetMapping(path = "/books", params = "query")
public List<Book> searchBooks(@RequestParam("query") String query){
    return bookService.searchBooks( query);
}

@GetMapping(path = "/books",params = "page")
public List<Book> getBooks(@RequestParam("page") Integer page) {
    List<Book> bookList = bookService.getBooks(page);
    System.out.println("bookList size:"+bookList.size());
    return bookList;
}

@GetMapping(value = "/books",params = "id")
public Book getBook(@RequestParam("id") Integer id){
    return bookService.findBookById(id);
}
```

这里用同一个URL，但是带不同的参数，实现了接口是对数据而不是操作定义的restful的web service

```
@PostMapping("/books")
public Book addBook(
    @RequestParam("isbn") String isbn,
    @RequestParam("name") String name,
    @RequestParam("type")String type,
    @RequestParam("author")String author,
    @RequestParam("price") Integer price,
    @RequestParam("description")String description,
    @RequestParam("inventory") Integer inventory,
    @RequestParam("image") String image
){return bookService.addBook(isbn,name,type,author,price,description,inventory,image);}
```

针对不同的操作使用不同的方法 (Post,get,...)