CRAWLER

By
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&
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Link to GitHub: https://github.com/nelci592/TCI_SRK-Shristy-Neli
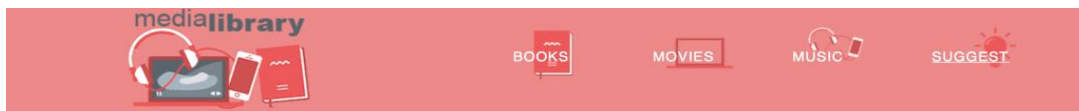We run the website on localhost

Get started

Our application is based on:
- Java 9
- Gradle 4.2.1
- Spring Boot Application

Used JSOUP 1.9.1

About

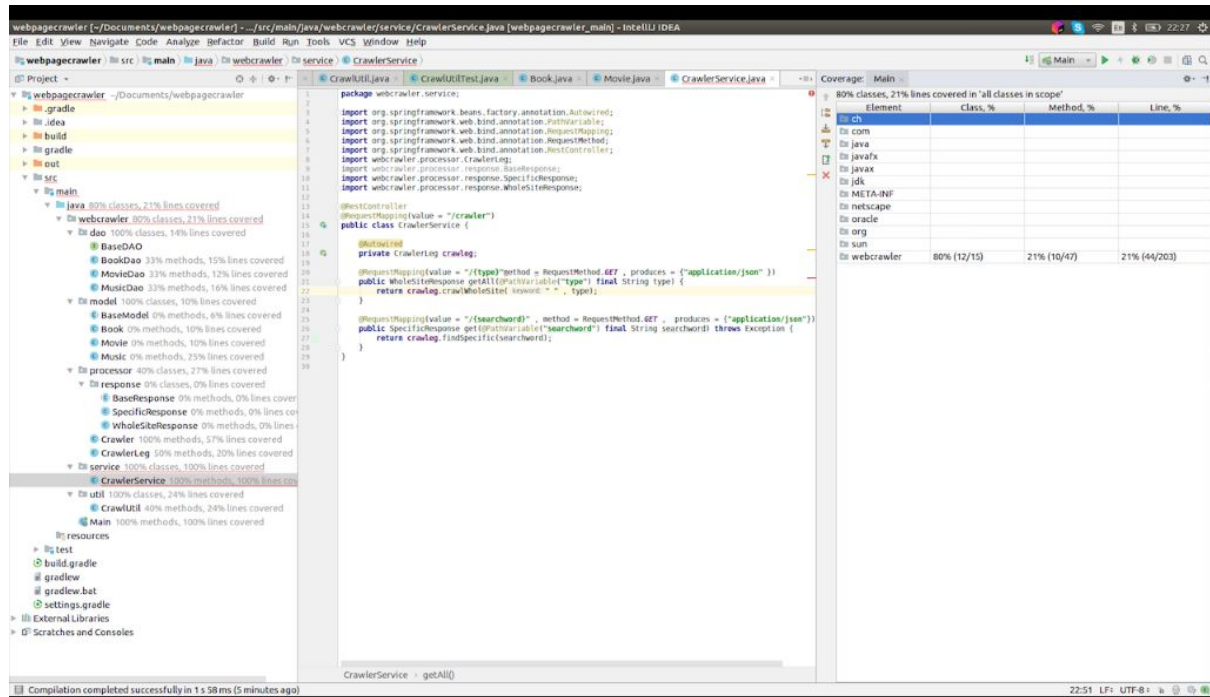The application allows the user to search for books, music and movies.

Jenkins is used to continuously integrate the application.
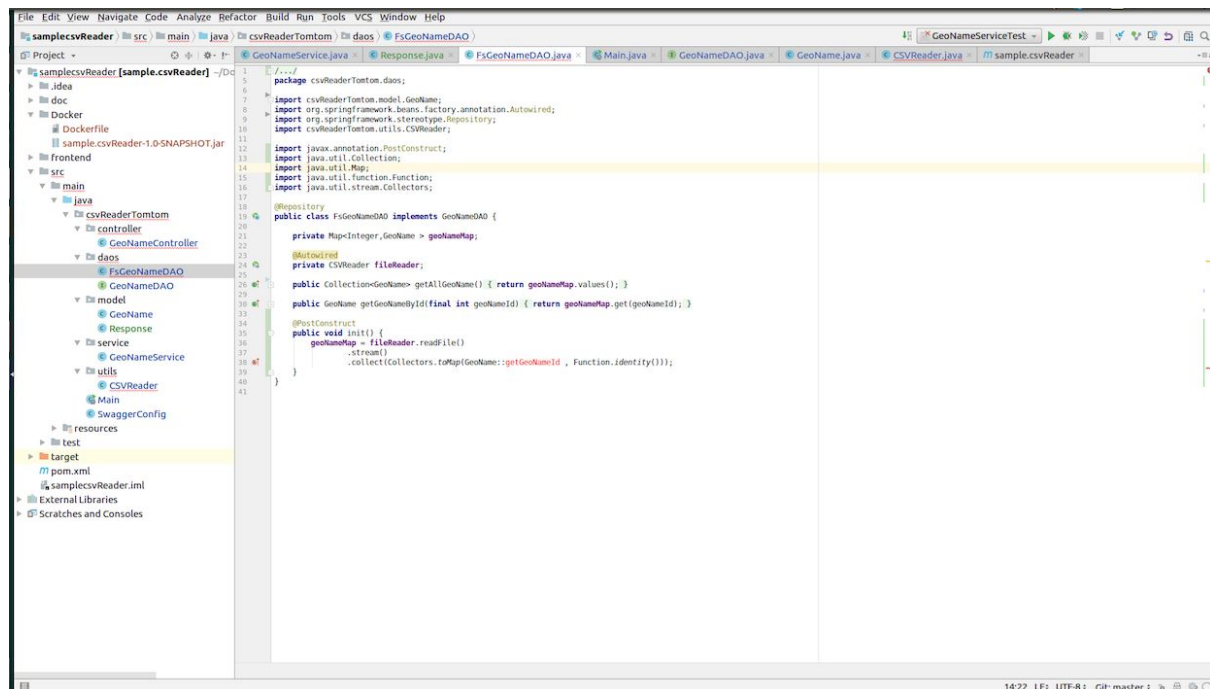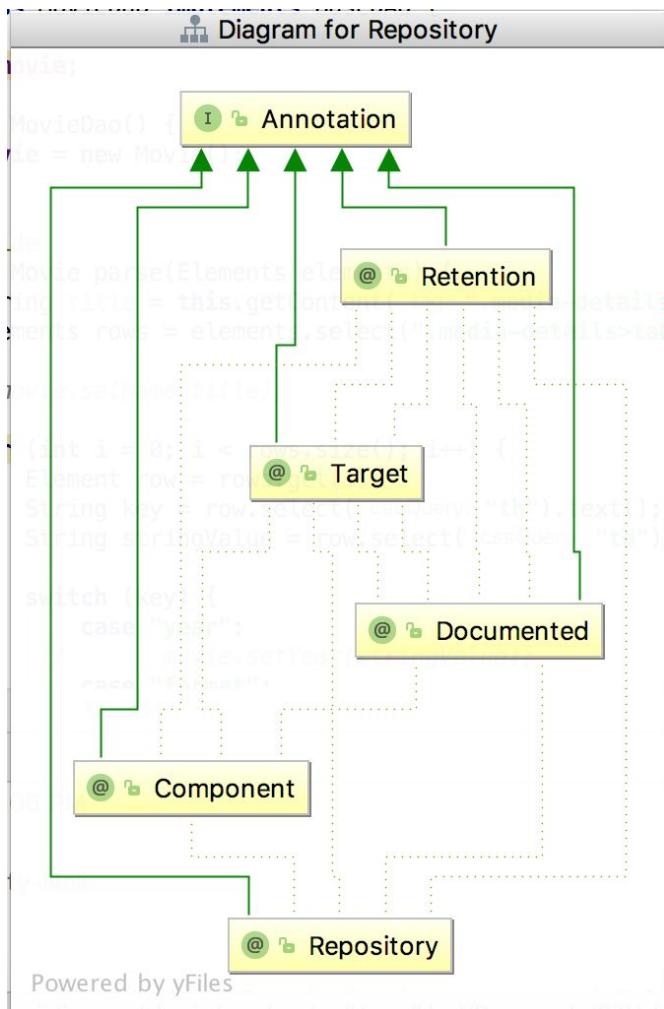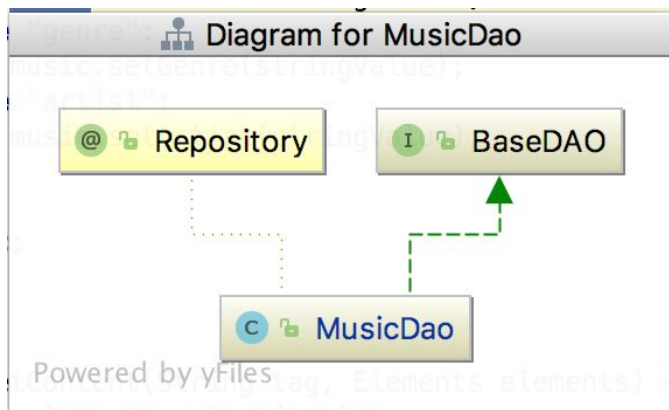
Configuration

Local
The code is stored in GitHub. There are 2 branches- master and development. Gradle is used in order to dependency management, coverage configurations (build and compile the code).
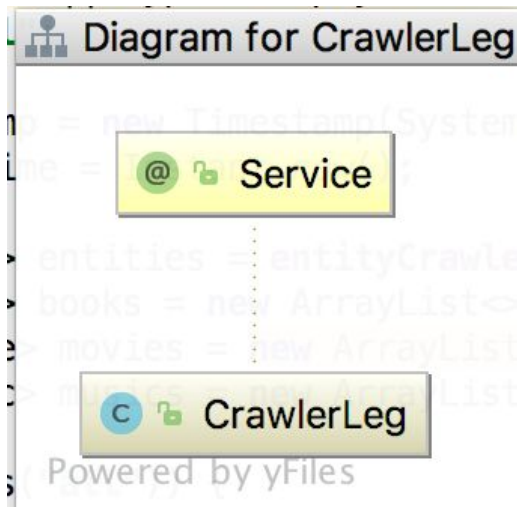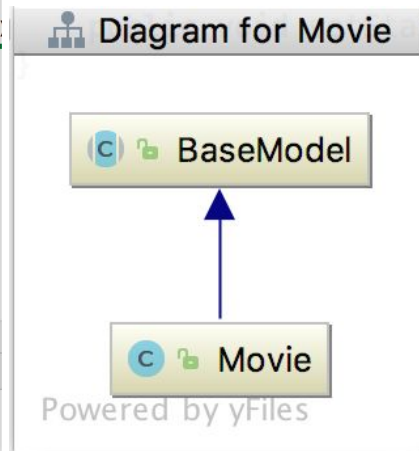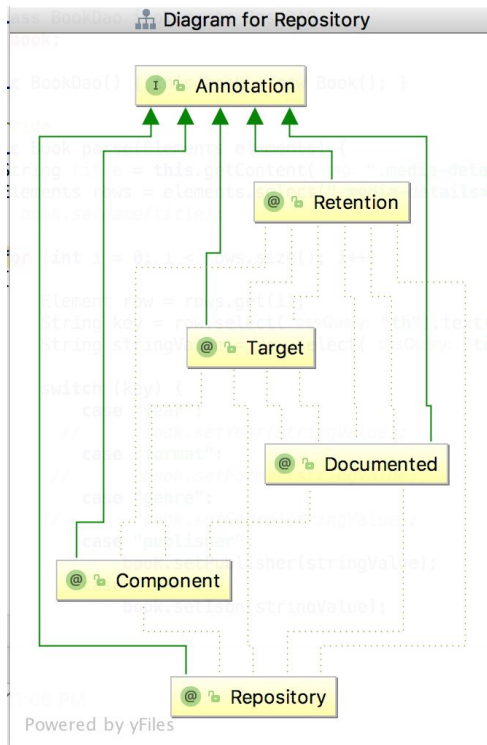
We run InteliJ with code coverage and we get that results.

- Continuous integration will be demonstrated on the presentation
- Stress testing with JMeter

Diagram for MusicDao

Diagram for Repository

Diagram for Repository

I 🔒 Annotation

@ 🔒 Retention

@ 🔒 Target

@ 🔒 Documented

@ 🔒 Component

@ 🔒 Repository

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Diagram for Movie

C 🔒 BaseModel

C 🔒 Movie

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Diagram for CrawlerLeg

@ 🔒 Service

C 🔒 CrawlerLeg

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Diagram for CrawlerService

RequestMapping — RestController

CrawlerService

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Diagram for Main

ComponentScan

SpringBootApplication

Main

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Description of the classes:
- dao:
  - BaseDAO- interface
  - BookDao
  - MovieDao
  - MusicDao
- Model:
  - BaseModel
  - Book
  - Movie
  - Music
- Processor
  - response
    - BaseResponse

- - - - ■ SpecificResponnse
        - ■ WholeSiteResponse
    - ○ Crawler
    - ○ CrawlerLeg
- ● service
    - ○ CrawlerService