

Elsevier Search API

Please read the Exercise.docx for more information.

About

- Search API takes the words as input for a HTTP GET request and searches the files for a given path , it searches the sub folders of the given path tree.
- Search API support different cases
- current version only reads files from .txt and .log to support more update the applicaiton properties file
- Spring boot actualtor /health endpoint gives the status of the service (i.e <http://localhost:8080/health>)

How to build

```
mvn clean install
```

will build the project

How to run the program

Running the jar file

```
java -jar target/gs-rest-service-0.1.0.jar
```

will run the program with default path as it is part of the class path

in case to specify different path then run the program with

```
java -jar target/gs-rest-service-0.1.0.jar --search-file-path=/Users/satishgummadelli/elsevier/code-test
```

Running from Java IDEs (Eclipse or IntelliJ)

Import the project and run the

com.elsevier.services.search.ElsevierSearchApiApplication as java program.

Sample CURL request

```
curl --request GET \ --url 'http://localhost:8080/elsevier/api/test/search?words=ishi' \ --header 'cache-control: no-cache' \ --header 'postman-token: 1984955c-a6d3-2896-2814-d9a7418f6a4d'
```

```
curl --request GET \ --url 'http://localhost:8080/elsevier/api/test/search?words=The%2Cis' \ --header 'cache-control: no-cache' \ --header 'postman-token: 48fea397-00fa-8b28-4e48-70c1b7da35d5'
```