

Generall:

The system has two pieces:

- 1 SearchEnginePortal <https://github.com/MaximDzhezhelo/SearchEnginePortal> (client)
- 2 SearchEngineService <https://github.com/MaximDzhezhelo/SearchEngineService> (server)

Client and server located on different ports and communicate over a network on a particular numerical port.

Application works with small documents where each document contains a series of tokens (words).

The usage model of application:

- Put documents into the search engine and get identification key;
- Get document by identification key;
- Search on a string of tokens to return identification keys of all documents that contain all tokens in the set;

Technical settings:

- Java 8
- Spring Boot 1.5.9
- Hibernate
- Maven
- H2 (test db)

Document requirements:

- max-file-size: 1000KB
- max-request-size: 1000KB

Run application:

- 1 Start SearchEngineService (read README.md)
- 2 Start SearchEnginePortal (read README.md)