Find A Code

Stallions

Project Overview

Find A Code is a Java Lucene Project. In this project, we implement two kinds of inverted indexes:-

- Regular Inverted Index
- N-Gram Inverted Index

Project Classes

The project has 6 classes:-

- LuceneNGramRead
- LuceneNGramWrite
- LuceneWriteIndexFromFileExample
- LuceneReadIndexFromFileExample
- Wildcardquery
- mainclass

mainclass is the entrypoint of the project.

Running the Project

Project can be run through any popular Java IDE. Project was developed on JetBrains Intellij IDE.

1. Build and run the mainclass.java file to run the project.
2. mainclass first creates the Regular Inverted Index and queries this Inverted Index.
3. Then we run the wildcard query on the index.
4. Finally, we create the N-Gram Inverted Index and query the index.

The required queries can be changed by modifying the values in the mainclass.java file