Multi-Threaded Indexing API

Run the app with the command : java -cp ./indexer.jar ie.atu.sw.Runner

In order to run the program I had to open an administrator command prompt after installing the Java 19 runtime environment.

This Java19+ multithreaded indexing API allows for the creation of a word index from an e-book or URL. The index contains a list of words along with the page numbers on which they appear and the dictionary-defined meanings of each word.

To use the API, specify the e-book in .txt format and the program will parse it using virtual threads and build an index by examining every word in each sentence.

In addition, the API will parse and process the dictionary.csv file . Words from the google.txt file will be excluded from the index.

The index.txt file is stored in the project directory.