

Readme.pdf

About

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Structure

My program is structured as follows:

bin/ - Contains all the executable files

src/ - Contains all the source

tests/ - Contains several basic tests as well as the sample files I used during testing

Building

If you run a make command, the compiler will build search, index, and gui-search and move all of them into the bin/ directory. All of the *.o files are removed automatically and the sample test files are automatically moved into the bin/ directory for easy access.

Sample run commands might be:

Index

```
./bin/index myindex.txt bin/files/file0.txt
```

```
./bin/index myindex.txt .
```

```
./bin/index myindex.txt bin/files/
```

```
... etc ...
```

Search

```
./bin/search myindex.txt
```

```
./bin/search -m 1KB myindex.txt
```

```
... etc ...
```

Gui-search

```
./bin/gui-search
```

Notes:

All code is my own, none of the professor's code was used. All the pieces are completely modular and all the functions are documented both in the .h files and the .c files.

*Cache: If a cache size of 0 will bypass the cache limitation. Use the minimum size of 1KB if you would like to test the Cache.

