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*UNIVERSITY OF ALABAMA | MARCH 29TH, 2019*

Explaining the Code

IMDB Catalog

**FILE STRUCTURE**

**imdb-catalog/**

**|\_\_\_\_\_\_ bin/**

**|\_\_\_\_\_\_ main**

**|\_\_\_\_\_\_ data/**

**|\_\_\_\_\_\_ movie\_records.tsv**

**|\_\_\_\_\_\_ doc/**

**|\_\_\_\_\_\_ \*.docx**

**|\_\_\_\_\_\_ lib/**

**|\_\_\_\_\_\_ \*.h**

**|\_\_\_\_\_\_ log/**

**|\_\_\_\_\_\_ \*.log**

**|\_\_\_\_\_\_ src/**

**|\_\_\_\_\_\_ \*.c**

**|\_\_\_\_\_\_ README.md**

**|\_\_\_\_\_\_ makefile**

**|\_\_\_\_\_\_ .gitignore**

**MAIN**

<https://trello.com/b/PRF4k2hF/imdb-catalog>

* February 17th: environment and layout setup
* February 20th: documentation and outline completed
* February 23rd: log file research done
* February 24th: data structure developed and ready for use
* March 4th: outline due for feedback
* March 8th – 17th: spring break
* March 8th: fetch and store dataset in memory
* March 17th: log files implemented
* March 24th: final touch and testing
* March 27th: README.md complete
* March 27th: peer feedback
* March 29th: project due and set public on GitHub

**RED BLACK TREE**

* doc
  + outline.doc
  + prompt.pdf
* src
  + data
    - .tsv files
  + makefile
  + main.c
  + movie.c
  + bst.c
  + parse.c
  + movie.h
  + bst.h
  + parse.h
* README.md
* .gitignore

**STACK**

<https://cloud.smartdraw.com/>

(movie.c)

(bst.c)

**CRUD**

**LOGGER**

(main.c)