

Developers

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Author Information

This document provides guidelines to maintain and use the FiRFoogle search engine. This project allows the user to search the WikiBooks data set for keywords. The full source code for this project can be found at **https://github.com/AlyssaR/FiRFoogle**.

About this Project

I. Preface

Interactive Mode

Interactive Mode is the default mode in FiRFoogle. It will automatically open when the program is run without any command line arguments. Each time FiRFoogle is run in interactive mode the persistent index will load into RAM before the search page opens.

Begin by downloading FiRFoogle’s source code from the following web address:

[**https://github.com/AlyssaR/FiRFoogle**](https://github.com/AlyssaR/FiRFoogle).

There are many features built into FiRFoogle to enhance the user experience. This guide will introduce you to those and how to most effectively use them.

Getting Started

II. User Guide

When the index finishes loading pressing any key will load the search page. To search, type in a search query and press ‘enter’. Searches are not case sensitive.

FiRFoogle contains certain query terms that can be used to specify a search. Refer to “Query Parser” on page ?? to learn more about these queries and how to utilize them.

After a search has been entered FiRFoogle will display the search results. The results are displayed by relevancy to the search query.

Maintenance Mode

In the search results screen there is an options menu displayed. The options are defined as follows. Entering ‘more’ will display the next five results and ‘back’ will display the previous five results. To view an article, enter the number displayed next to the article. When the article is being displayed, pressing any key will return to the search result screen. To return to the search screen, enter ‘return’. Lastly, to quit the program, enter ‘-1’.

About this Project

III. Maintenance Guide

AVL Tree vs. Hash Table

IV. Features