

# User Manual

Alex Herrero, Lluç Clavera, Walter Troiani, Miquel Torner

December 2022

## 1 Installation and execution guide

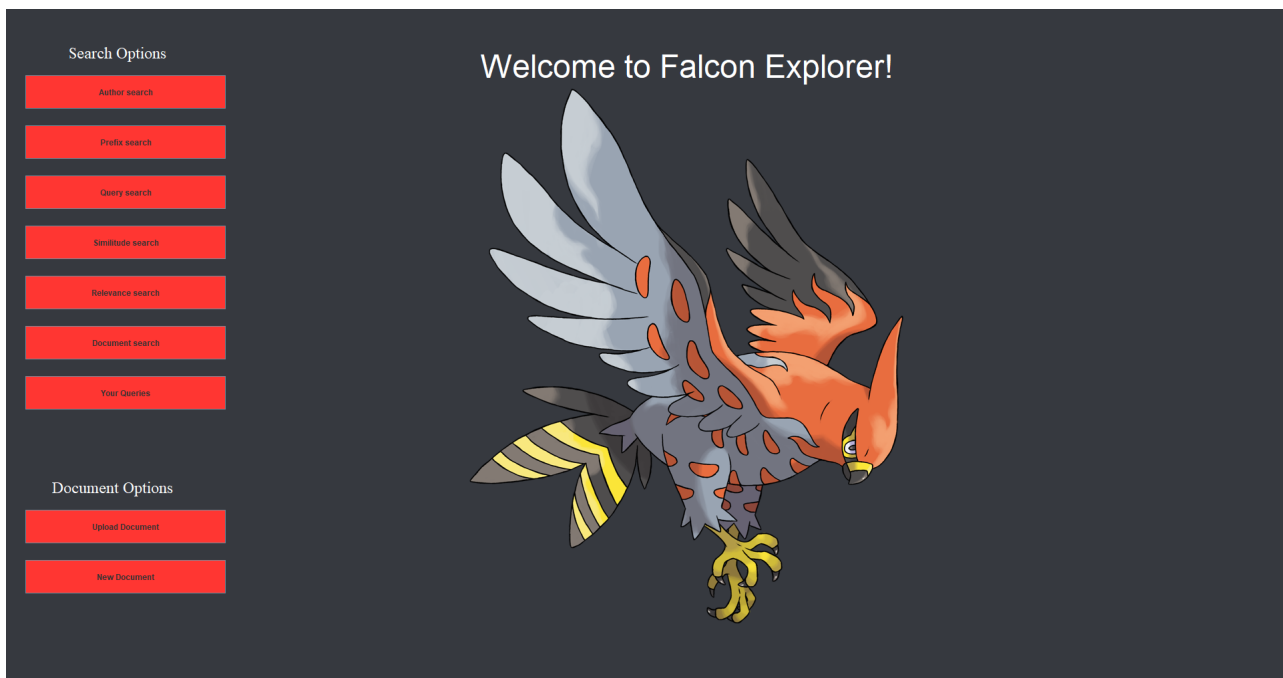
To install the app, just go to "FONTS" folder and execute the script: *compile.sh*. *compile.sh* generates an executable .jar file in the "EXE" folder. To execute the jar just use the command *java -jar FalconExplorer.jar*, you can also open it on Windows by double-clicking it.

## 2 User Manual

Hello and welcome to this user manual. We'll be going through all the program options, so you'll be able to squeeze all the possibilities it gives to you.

### 2.1 Main View

When you open the program for the first time, you will see something like this:



This is the main view, where you will see the two main sections Search Option and Document Options, which will see how to interact with them in the next two subsections

#### 2.1.1 Search Options

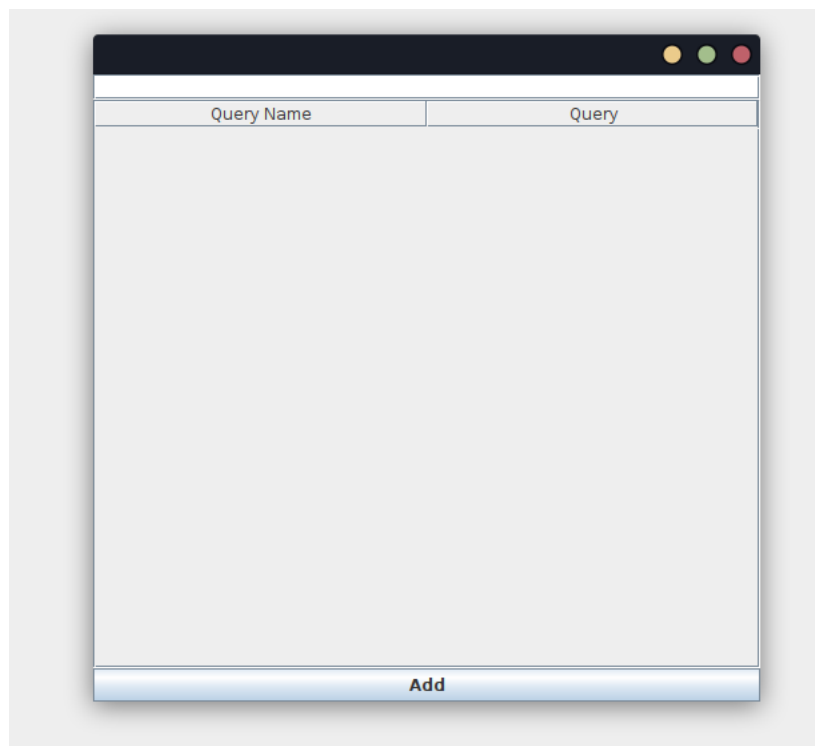
This section will allow you to look for the documents that are loaded in the program. You will see that there are different options for searching:

1. Author Search: Just introduce the name of the author and the program will give you all the documents that correspond to the requested author. You have to introduce a name, you can't search a "null" author.

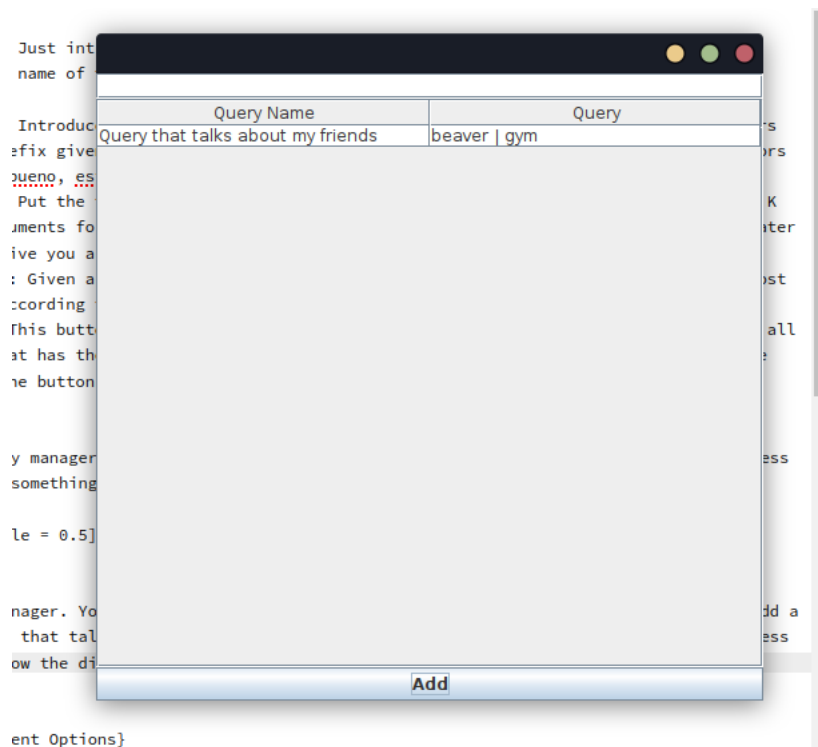
2. Prefix Search: Introduce a prefix and the program will give you all author names have the prefix given. If you don't put anything, the program will show you all the authors.
3. Query Search: Introduce a boolean query, this can contain any word you wish to look for plus 'ands' and 'ors' (for example: lugar castor).
4. Similarity Search: Write the title, author and a number (let's call it K) and this will show you the K most similar documents for the document given. If you don't remember the title or the author, we are going to give you a shortcut for this option later.
5. Relevance search: Given a set of words and a number (let's say K) this will show you the K most relevant words according to the set of words given.
6. Document: This button has multiple options: if you only enter a title, the program will show you all the documents that have the same title as the given one. If you introduce only the author, it will have the same effect as the button "By Author". And if you introduce both it will search the specific document, and then it will show you its contents (if the document exists).

In order to do a search, you must first click on the button with the name of the searching option you wish to. Then a dialog will appear, and you will be asked to fill the gaps, and then you can click either the 'Search' button or press the enter key.

You also have access to a query manager that is opened when you press the button "Your Queries". When you press it, you're going to see something like this (for the first time):



In case you click the "Your Queries" button, the query manager dialog will appear. You can save your queries and also give them a name! For example, if you want to add the query named "A query that talks about my friends" with the content "beaver | gym", You can press the 'Add' button on the bottom of the dialog, follow the dialog and after introducing the query and its name, it will appear in this view like.



See that when you right-click on one of your added queries, the following options will be displayed:

- Search: Search the documents given that query.
- Delete: Delete that query from your manager.
- Change Name: Change the name of the query.
- Change Query: Change the query.

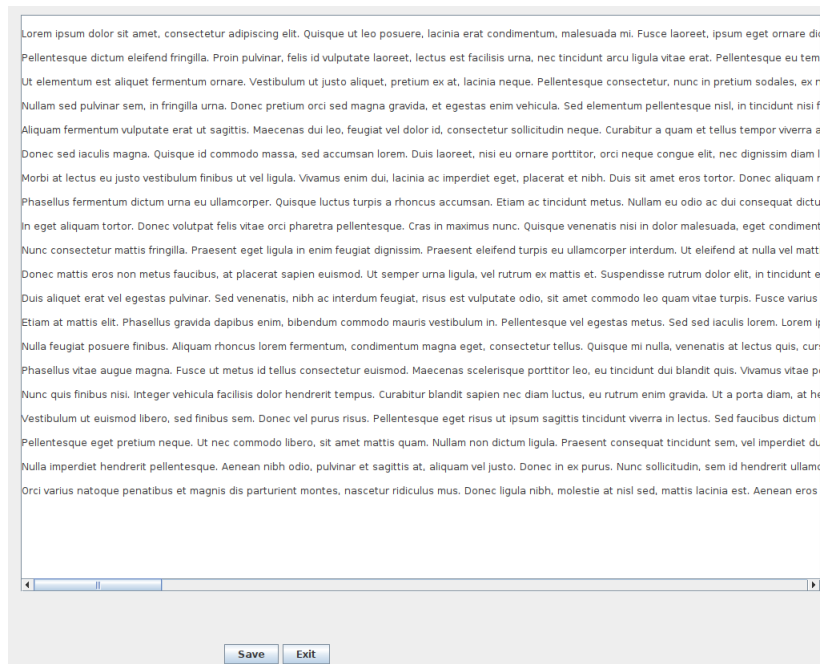
### 2.1.2 Document Options

This section has two main buttons: upload document and new document. The first one ("Upload Document") will allow you to select which one of your computer files you want to upload into the program in a dialog. Remember that it must be one of the supported formats (.xml, .txt or .sus). If the Document View is shown, then you will have successfully uploaded a document. You can also select a set of documents to upload.

The second button ("New Document") will make a new dialog appear, in this one you will have to introduce the title and the author of the new document you wish to create, after that, click on "Set text" and the Document View will appear.

## 2.2 Document View

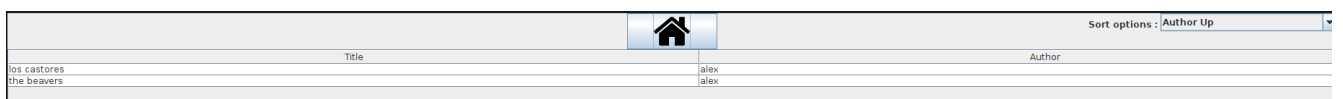
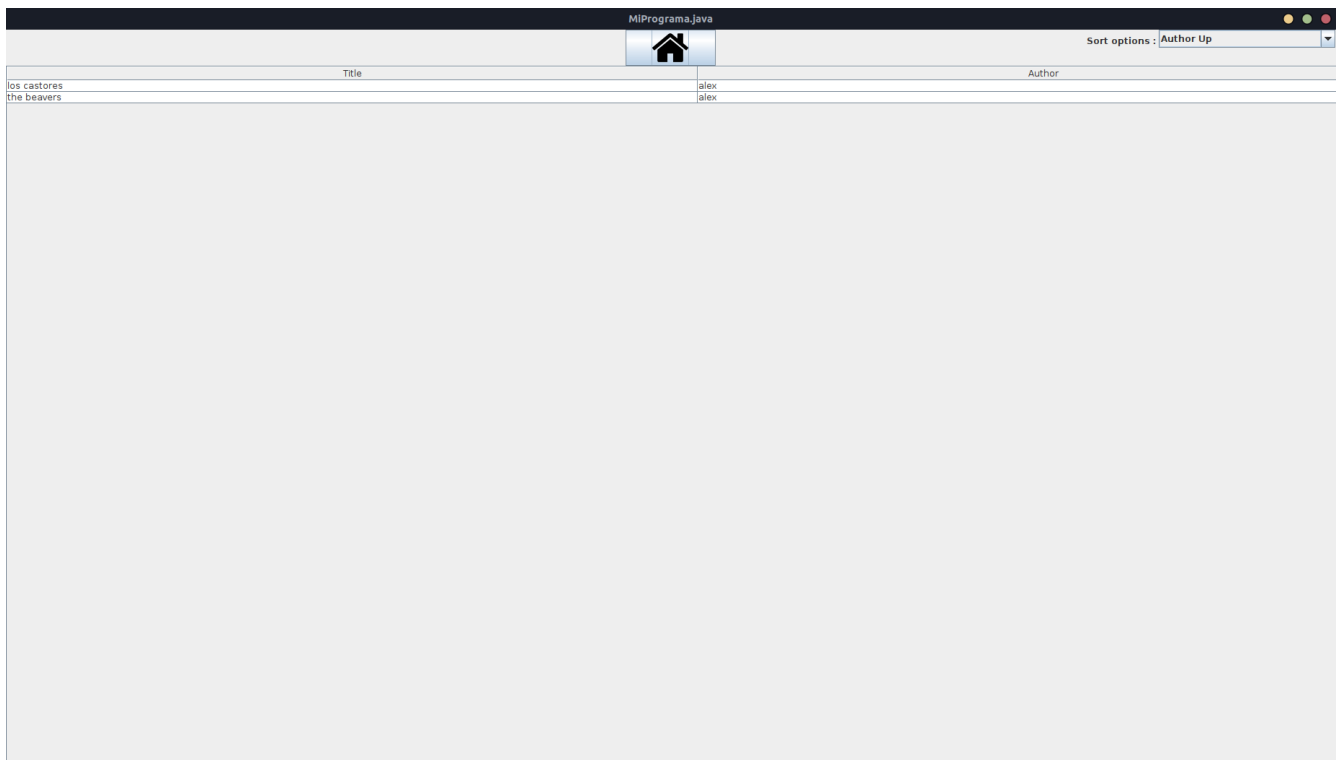
Whenever you open a document or create a new one, its content will be displayed, and you'll be able to modify it by clicking on any point of the text and using your keyboard to write or delete part of its content.



Notice that there are two buttons on the bottom part of the view, the left one is used to save the document and its modifications, the other one (on the right) is used to exit the current document and return to the main view.

## 2.3 Result View

The other view that you will encounter is the result view, this will display the results of any given search. In the image below, we can see that there are two documents that fulfill the search, their titles are "los castores" and "the beavers" and both of them have the same author, "Alex".



In this section, you're going to see results in this format. You also have a few functionalities: notice that when you right-click on one of the given results (either the document title or its author) a popup menu will show up with the following actions:

- Open: Open the content of the document.
- Delete: Delete the document.
- Search Author: Once you click it, You're going to see the *search by author* dialog from the main view, but with the author's name inserted.
- Search K-Similar: This is the shortcut that we mentioned before. You're going to see the same dialog as the main view, but with the name and author autocompleted.
- Properties: See the properties from the document.
- Download: Download the document.

You can also sort the results with the top left selection box. It has the following options (with "Up" or "Down" meaning that the result will be sorted ascending or descending).

- Author
- Title
- Number of lines
- Acces Date
- Modified Date
- Creation Date

## 2.4 Prefix View

Prefix view is similar to the result view, but you only see author's names.