

## Results of Practical Task 3, Patryk Dajos 26.06.2023

Task 2 finished:

```
--model "bool" --search-mode "inverted" --documents "original" --stemming --query "lion&growl"
367_the_lion's_share.txt
487_the_sick_lion.txt
T=4.08ms
--model "bool" --search-mode "linear" --documents "original" --stemming --query "lion&growl"
367_the_lion's_share.txt
487_the_sick_lion.txt
T=275.2745ms
```

Task 3 finished:

```
--extract-collection aesopa10.txt
Success: Created collections out of documents
Success: Finished stop word removal
Success: Finished word indexing for ./collection_original
Success: Finished word indexing for ./collection_no_stopwords
--model "bool" --search-mode "inverted" --documents "original" --query "beast"
59_the_fox_the_cock_and_the_dog.txt
T=18.5194ms,P=1.0,R=0.08333333333333333
--model "bool" --search-mode "inverted" --documents "original" --query "fox"
04_the_lion's_share.txt
08_the_fox_and_the_crow.txt
19_the_fox_and_the_stork.txt
20_the_fox_and_the_mask.txt
31_the_fox_and_the_grapes.txt
34_the_fox_and_the_lion.txt
38_the_fox_and_the_cat.txt
49_the_ass_in_the_lion's_skin.txt
59_the_fox_the_cock_and_the_dog.txt
64_the_fox_and_the_mosquitoes.txt
65_the_fox_without_a_tail.txt
73_the_lion_the_fox_and_the_beasts.txt
74_the_ass's_brains.txt
82_the_fox_and_the_goat.txt
T=7.6614ms,P=1.0,R=1.0
--model "bool" --search-mode "inverted" --documents "original" --query "fox|beast"
04_the_lion's_share.txt
08_the_fox_and_the_crow.txt
19_the_fox_and_the_stork.txt
20_the_fox_and_the_mask.txt
31_the_fox_and_the_grapes.txt
34_the_fox_and_the_lion.txt
38_the_fox_and_the_cat.txt
49_the_ass_in_the_lion's_skin.txt
59_the_fox_the_cock_and_the_dog.txt
64_the_fox_and_the_mosquitoes.txt
65_the_fox_without_a_tail.txt
73_the_lion_the_fox_and_the_beasts.txt
74_the_ass's_brains.txt
82_the_fox_and_the_goat.txt
59_the_fox_the_cock_and_the_dog.txt
T=5.4472ms,P=1.0,R=0.6923076923076923
--model "bool" --search-mode "inverted" --documents "original" --query "fox&beast"
59_the_fox_the_cock_and_the_dog.txt
T=3.8021ms,P=1.0,R=0.25
--model "bool" --search-mode "inverted" --documents "original" --query "hunters"
30_the_hart_in_the_ox-stall.txt
49_the_ass_in_the_lion's_skin.txt
66_the_one-eyed_doe.txt
T=3.1441ms,P=1.0,R=0.3333333333333333
--model "bool" --search-mode "inverted" --documents "original" --query "man"
12_the_swallow_and_the_other_birds.txt
18_the_bald_man_and_the_fly.txt
27_the_man_and_the_wood.txt
35_the_lion_and_the_statue.txt
41_the_man_and_the_wooden_god.txt
42_the_fisher.txt
43_the_shepherd's_boy.txt
44_the_young_thief_and_his_mother.txt
45_the_man_and_his_two_wives.txt
54_avaricious_and_envious.txt
56_the_man_and_the_satyr.txt
61_hercules_and_the_waggoner.txt
62_the_man_the_boy_and_the_donkey.txt
69_the_old_man_and_death.txt
72_the_bundle_of_sticks.txt
77_the_cat-maiden.txt
82_the_fox_and_the_goat.txt
T=7.2344ms,P=1.0,R=0.6296296296296297
--model "bool" --search-mode "inverted" --documents "original" --query "seeing"
11_the_lion_and_the_mouse.txt
13_the_frogs_desiring_a_king.txt
34_the_fox_and_the_lion.txt
50_the_two_fellows_and_the_bear.txt
64_the_fox_and_the_mosquitoes.txt
T=3.9282ms,P=1.0,R=0.2631578947368421
```

### Notes:

- I will fix how the commands are called with the next Task.

### Ref.:

Hallo Herr Dajos,

okay, danke für den Hinweis. Dann machen wir das so.

Viele Grüße

A. Stahl

On 26.06.23 17:11, Patryk Dajos wrote:

Guten Tag Herr Stahl,  
Ich habe erst jetzt Ihren Kommentar gelesen, wie genau die Kommandos implementiert werden sollen.  
Kann ich das, in der nächsten Task verbessern?  
Ich hatte nicht viel Zeit diese Task zu bearbeiten und habe Ihren Kommentar zu spät gelesen.  
MfG, Patryk Dajos

- I hope retrieval time of "0.03ms" was just an example, else I'll have to optimize my code and Multi-Thread my application by the next time.

### Ref.:

With the updated requirements, the output of your program should contain the resulting file names, taken time and the precision/recall values. For example:

```
01_the_cock_and_the_pearl.txt
11_the_lion_and_the_mouse.txt
...
61_hercules_and_the_waggoner.txt
77_the_cat-maiden.txt
T=0.03ms,P=0.5,R=0.75
```

If any bugs have occurred in the code, I will gladly fix them by the next Practical Task, I had around 1 hour time to test the Application today. :(