

RI - 2º projeto

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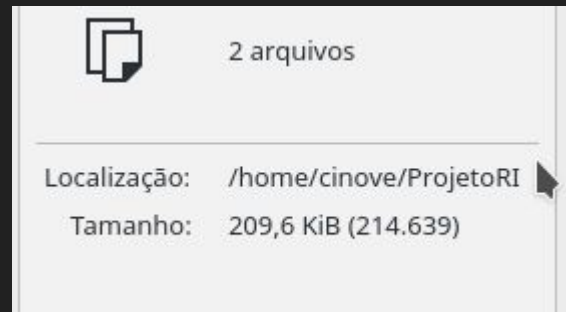
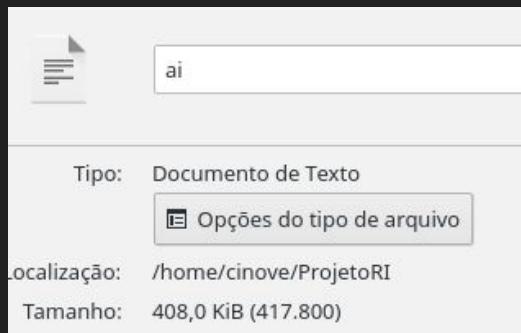
Índice Invertido

5 atributos:

1. Tela
2. HD
3. Processador
4. Marca
5. Sistema Operacional
 - O mapeamento entre sites é feito com o extrator da 1ª parte do projeto.

Índice Invertido

Índice sem compressão vs com compressão



Compressão de intervalo (usando byte)

Processamento de consulta

- Uso de term-at-a-time
- Palavras compostas adicionadas
- Implementado Modelo de Espaço vetorial tf e o tf-idf
- Implementado algoritmo de avaliação Kendall tau

1º Busca - Sem tfidf

Notebooks Search

Marca

Processador

SO

HD

Display

☐ kendal OU ☐ tfidf

search

Go!

75 0.7071067811865476
76 0.7071067811865476

1º Busca - Com tfidf

Notebooks Search

Marca

Processador

SO

HD

Display

☐ kendal OU ☒ tfidf

search

Go!

75 0.7071067811865476
76 0.7071067811865476

1º Busca - Kendal Tau

Notebooks Search

Marca

Processador

SO

HD

Display

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search

Go!

1.0

2° Busca - Sem tfidf

Notebooks Search

Marca

Processador

SO

HD

Display

☐ kendal OU ☐ tfidf

search

38	0.7745966692414834
39	0.7745966692414834
40	0.7745966692414834
48	0.7745966692414834
55	0.7745966692414834
58	0.7745966692414834
62	0.7745966692414834
63	0.7745966692414834
65	0.7745966692414834
72	0.7745966692414834
80	0.7745966692414834
82	0.7745966692414834
459	0.7745966692414834
461	0.7745966692414834
466	0.7745966692414834
50	0.674199862463242
71	0.674199862463242
3	0.6324555320336759
4	0.6324555320336759
5	0.6324555320336759
6	0.6324555320336759
7	0.6324555320336759
8	0.6324555320336759
9	0.6324555320336759
10	0.6324555320336759

2º Busca - Com tfidf

Notebooks Search

Marca

Processador

SO

HD

Display

☐ kendal OU ☒ tfidf

search

38	0.7730868115590623
39	0.7730868115590623
40	0.7730868115590623
48	0.7730868115590623
55	0.7730868115590623
58	0.7730868115590623
62	0.7730868115590623
63	0.7730868115590623
65	0.7730868115590623
72	0.7730868115590623
80	0.7730868115590623
82	0.7730868115590623
459	0.7730868115590623
461	0.7730868115590623
466	0.7730868115590623
50	0.6582739133741132
71	0.6582739133741132
3	0.6318203114276919
4	0.6318203114276919
5	0.6318203114276919
6	0.6318203114276919
7	0.6318203114276919
8	0.6318203114276919
9	0.6318203114276919
10	0.6318203114276919

2° Busca - Kendal Tau

Notebooks Search

Marca

Processador

SO

HD

Display

☒ kendal OU ☐ tfidf

search

3° Busca - Sem tfidf

Notbooks Search

Marca

Processador

SO

HD

Display

☐ kendal OU ☐ tfidf

search

13	0.89442719099999159
22	0.89442719099999159
6	0.7745966692414834
14	0.7745966692414834
15	0.7745966692414834
19	0.7745966692414834
25	0.7745966692414834
28	0.7745966692414834
35	0.7745966692414834
39	0.7745966692414834
44	0.7745966692414834
49	0.7745966692414834
52	0.7745966692414834
80	0.7745966692414834
82	0.7745966692414834
457	0.7745966692414834
459	0.7745966692414834
461	0.7745966692414834
463	0.7745966692414834
465	0.7745966692414834
466	0.7745966692414834
468	0.7745966692414834
3	0.6324555320336759
4	0.6324555320336759
5	0.6324555320336759

3º Busca - Com tfidf

Nota

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Notebooks Search

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Marca

Processador

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HD

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☐ kendal

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☒ tfidf

search

Go!

13 0.8826230872382308

22 0.8826230872382308

6 0.7721305320005261

15 0.7721305320005261

35 0.7721305320005261

39 0.7721305320005261

44 0.7721305320005261

49 0.7721305320005261

52 0.7721305320005261

80 0.7721305320005261

82 0.7721305320005261

457 0.7721305320005261

459 0.7721305320005261

461 0.7721305320005261

463 0.7721305320005261

465 0.7721305320005261

466 0.7721305320005261

468 0.7721305320005261

14 0.7668751533593489

19 0.7610114915014661

25 0.7610114915014661

28 0.7610114915014661

3 0.6318203114276919

4 0.6318203114276919

5 0.6318203114276919

3° Busca - Kendal Tau

Notebooks Search

Marca 0.9442577030812325

Processador

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Display ▼

☒ kendal OU ☐ tfidf

search

4° Busca - Sem tfidf

Nota

Busca

Notebooks Search

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Marca

Positivo

Processador

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Windows

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HD

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Display

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☐ tfidf

search

Bateria Tela Placa

Go!

3 0.7499999999999999

6 0.7499999999999999

15 0.7499999999999999

21 0.7499999999999999

39 0.7499999999999999

40 0.7499999999999999

45 0.7499999999999999

49 0.7499999999999999

52 0.7499999999999999

63 0.7499999999999999

65 0.7499999999999999

80 0.7499999999999999

82 0.7499999999999999

459 0.7499999999999999

461 0.7499999999999999

465 0.7499999999999999

466 0.7499999999999999

468 0.7499999999999999

4 0.7462025072446364

9 0.7462025072446364

10 0.7462025072446364

11 0.7462025072446364

13 0.7462025072446364

19 0.7462025072446364

25 0.7462025072446364

4º Busca - Com tfidf

Nota

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Notebooks Search

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Marca

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☐ kendal

OU

☒ tfidf

search

Bateria Tela Placa

Go!

32 0.7580637825854413

33 0.7580637825854413

74 0.7563720076345564

3 0.753150198727127

6 0.753150198727127

15 0.753150198727127

21 0.753150198727127

39 0.753150198727127

40 0.753150198727127

45 0.753150198727127

49 0.753150198727127

52 0.753150198727127

63 0.753150198727127

65 0.753150198727127

80 0.753150198727127

82 0.753150198727127

459 0.753150198727127

461 0.753150198727127

465 0.753150198727127

466 0.753150198727127

468 0.753150198727127



4 0.750320231322468

9 0.750320231322468

10 0.750320231322468

11 0.750320231322468

4° Busca - Kendal Tau

Notebooks Search

Marca

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search

Bateria Tela Placa

Go!

0.970863405506549

5° Busca - Sem tfidf

Notebooks Search

Marca

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☐ kendal OU ☐ tfidf

search

Go!

3 0.7071067811865475

4 0.7071067811865475

5 0.7071067811865475

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7 0.7071067811865475

8 0.7071067811865475

9 0.7071067811865475

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11 0.7071067811865475

12 0.7071067811865475

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19 0.7071067811865475

20 0.7071067811865475

21 0.7071067811865475

22 0.7071067811865475

23 0.7071067811865475

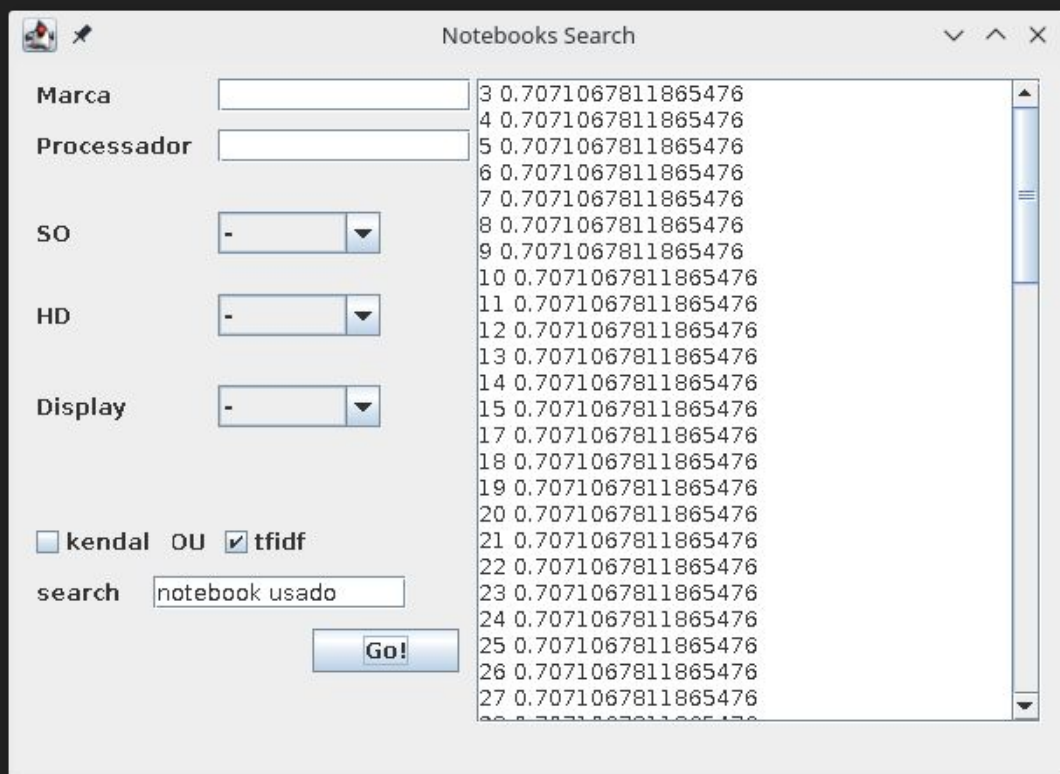
24 0.7071067811865475

25 0.7071067811865475

26 0.7071067811865475

27 0.7071067811865475

5° Busca - Com tfidf



Notebooks Search

Marca

Processador

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Display

☐ kendal OU ☒ tfidf

search

3 0.7071067811865476
4 0.7071067811865476
5 0.7071067811865476
6 0.7071067811865476
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8 0.7071067811865476
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10 0.7071067811865476
11 0.7071067811865476
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26 0.7071067811865476
27 0.7071067811865476

5° Busca - Kendal Tau

Notebooks Search

Marca

Processador

SO

HD

Display

☒ kendal OU ☐ tfidf

search

Go!

0.9730606945796819