

Summary:

The search engines handle queries of non-English language in different way. The way that search engine handle the Arabic query affects the number and precision of the result.

Arabic language has its characteristics that affect the search result. The most important characteristics

Are:

1-Arabic lexical forms (words) are derived from basic building blocks with tri-consonantal roots at their bases.

2-word formation is a complex procedure that is entirely based on root-and-pattern system using clearly defined patterns, a large number of words can be derived from one root.

3-Arabic nouns and verbs are heavily prefixed

There number of techniques used by famous search engines to handle Arabic queries such that:

1-provides options to search for the derivations of a word or for a word stripped of prefixes and suffixes.

2- Exact-word searching

3- Morphological searching.

4- Expanded searching.

We need more research to improve the result of search and the way of search of Arabic queries.

List of references:

References which I used:

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School of Library and Information Studies, Dalhousie University Halifax, Nova Scotia

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Obstacles:

1-To find an appropriate topic.

2-For my case the experiment done along time ago.

3-To select the most important information to include in my presentation.

Things I have learned and skills I have practiced:

- 1-choosing the search engine means different accuracy and the result will be different.
- 2-I did learn how most famous search engine handle Arabic queries.
- 3-I practice searching some words that reflects Arabic language characteristics and notice the result

Recommendation:

I think it is better to make the presentation for any topic related to NLP without forcing to have a paper, or to distrust useful papers and ask the students to discuss it in workshop.

Three true/ false questions:

- 1-Search engines handle queries of different language in same way.(F)
- 2-All search engines handle Arabic queries in different ways.(T)
- 3-The result of search about Arabic query will be same in all Arabic search engines (F).