

Problems and Solutions of Web Search Engines

ABSTRACT

In order to study the retrieval precision of network information and solve the problems existed in search engines this paper analyzes problems and precision in the information retrieval according to experimental data such as image retrieval with different retrieval keywords, and puts forward a new construction of search engine with intelligentization. It comes to a conclusion that many methods can be used to improve the network retrieval precision effectually. And users need to meet with correct solution to keywords, construction and improvement of knowledge library, reasonable definition of features vectors, information matching and filtering, and increasing the intelligentization for spider, indexer and searcher.

EXISTING SYSTEM

- Many references only introduce the given key words and the target number of the search engines; they do not carefully analyze how much useful information the target pages contain.
- In the existing system, the search is made generally, so all the contents are put in one page. So many irrelevant and mismatch content dump the search pages.
- The existing system does not categorize search made on Content based and location based. This is one of the most user preference.
- The existing system has many disadvantages. Few are
 - Time Complexity
 - Complex Queries
 - Less User Interactivity

PROPOSED SYSTEM

- In the proposed system, Search is categorized on two main categorizes viz.: Content based Search and Location Based Search.
- Content searching linked the ontology shows the possible concept space arising from a user's queries. In this ontology covers more than what the user actually wants.
- In Location based search, the contents are viewed to the user based on the location updated by the user.
- The proposed system supports good time complexity, complex queries and User Interactive.

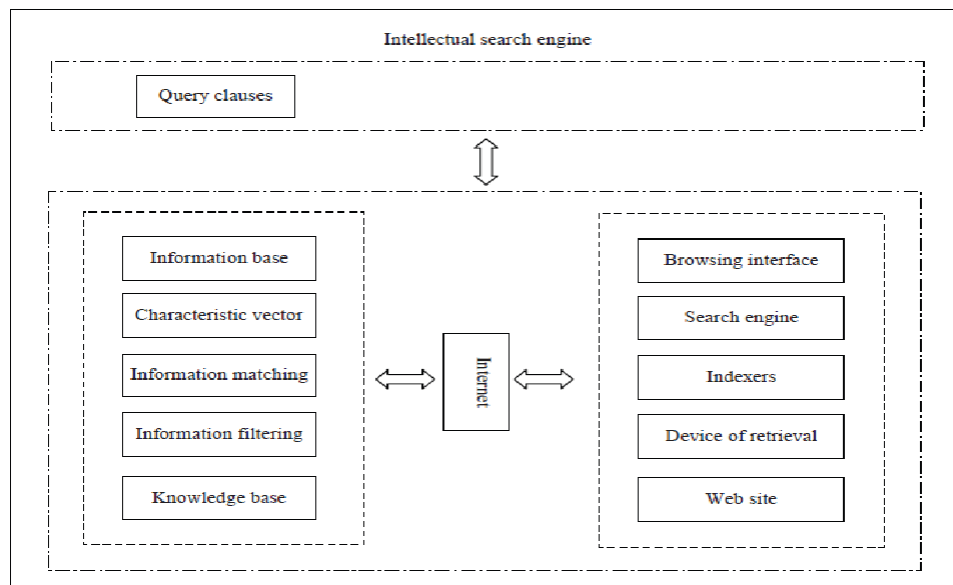


Figure 1. System structure of the intellectual search engine

HARDWARE SPECIFICATION

PROCESSOR	:	PENTIUM 4 CPU 2.40GHZ
RAM	:	128 MB
HARD DISK	:	40 GB
KEYBOARD	:	STANDARD
MONITOR	:	15"

SOFTWARE SPECIFICATION

FRONT END	:	C#.NET
BACK END	:	SQL SERVER 2000
OPERATING SYSTEM	:	WINDOWS XP
DOCUMENTATION	:	MS-OFFICE 2007

REFERENCE:

Wang Liangshen, Hou Jie, Xie Zaiyu, Wang Xiaochen, Que Caiyue, Li Hui, “Problems and Solutions of Web Search Engines”, **IEEE International Conference on Consumer Electronics, Communications and Networks (CECNet), 2011.**