User Manual

Software Overview

This search engine is used for searching webpage of the CityU Department of Computer Science website and it provide two search ranking methods which are TFIDP and PageRank algorithm. User can input the keywords and select the ranking methods in this search engine.

Operating Procedure

1. Preprocess of the search engine

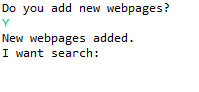
The search engine need to preprocess of the webpage before user search it.

If you use the search engine for the first time or you add some new web pages in the HTML folder, please input “Y” and press “Enter”; otherwise, please input “N” and press “Enter.



1. Input the keyword(s)

You can input the keyword(s) after it displays “I want search:”. You can input one or multiple keywords in this search engine. The keyword should be in English and avoid punctuation marks and Arabic numerals. You need to separate the keywords by space.



1. Select the search method

In this search engine, it provides two search ranking methods which are the TFIDP and PageRank algorithm. TFIDF weighting counts the term frequency in list of keywords. PageRank algorithm counts the number and the importance of hyperlinks of the webpage. The search results would be different by different ranking method.

You input ”1” for the TFIDF weighting and input “2” for the PageRank and the search engine will display the search results after you select the ranking method.

