

Modern Search Engines: Complex Web Searching Techniques and Features

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Chapter

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Abstract

“The more complex the more easier” is the policy of search engine technology. Gradually, along with developments in web the internal complex structure of search engines is also growing to bring effectiveness in retrieval of materials from web. The author, in this paper, tries to discuss some of the complex features of the modern search engines although knowing their internal mathematics is too difficult as proprietary policies. The basic features, which are prominently observable and identifiable by the users while using the search engines, have been narrated in the paper. The contents of the paper will be very much useful for them who are involved in research on search engines.

Keywords: Search Engines, Search techniques, Deep Web, Federated Search.

Introduction

World Wide Web (WWW also known as W3) the “wide-area hypermedia information retrieval initiative” (World Wide Web Consortium, 2010), is the collection of globally distributed text and multimedia documents and files and other network services linked in such a way as to create an immense electronic library from which information can be retrieved quickly by intuitive searches. The Web links represent the application of