Exploratory Search:
Beyond the Query-Response Paradigm

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Exploratory Search Beyond The Query Response Paradigm Resa Roth

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Exploratory Search Beyond The Query Response Paradigm Resa Roth:

Exploratory Search Ryen White,Resa Roth,2013-08-01 As information becomes more ubiquitous and the demands that searchers have on search systems grow there is a need to support search behaviors beyond simple lookup Information seeking is the process or activity of attempting to obtain information in both human and technological contexts Exploratory search describes an information seeking problem context that is open ended persistent and multifaceted and information seeking processes that are opportunistic iterative and multitactical Exploratory searchers aim to solve complex problems and develop enhanced mental capacities Exploratory search systems support this through symbiotic human machine relationships that provide guidance in exploring unfamiliar information landscapes Exploratory search has gained prominence in recent years There is an increased interest from the information retrieval information science and human computer interaction communities in moving beyond the traditional turn taking interaction model supported by major Web search engines and toward support for human intelligence amplification and information use In this lecture we introduce exploratory search relate it to relevant extant research outline the features of exploratory search systems discuss the evaluation of these systems and suggest some future directions for supporting exploratory search Exploratory search is a new frontier in the search domain and is becoming increasingly important in shaping our future world Table of Contents Introduction Defining Exploratory Search Related Work Features of Exploratory Search Systems Evaluation of Exploratory Search Systems Future Directions and concluding Remarks **Interactive Search Processes in Complex Work Situations - A Retrieval Framework** Raiko Eckstein,2011 <u>Information Retrieval</u> , *Search-User Interface Design* Max Wilson,2022-05-31 Search User Interfaces SUIs represent the gateway between people who have a task to complete and the repositories of information and data stored around the world Not surprisingly therefore there are many communities who have a vested interest in the way SUIs are designed There are people who study how humans search for information and people who study how humans use computers There are people who study good user interface design and people who design aesthetically pleasing user interfaces There are also people who curate and manage valuable information resources and people who design effective algorithms to retrieve results from them While it would be easy for one community to reject another for their limited ability to design a good SUI the truth is that they all can and they all have made valuable contributions Fundamentally therefore we must accept that designing a great SUI means leveraging the knowledge and skills from all of these communities The aim of this book is to at least acknowledge if not integrate all of these perspectives to bring the reader into a multidisciplinary mindset for how we should think about SUI design Further this book aims to provide the reader with a framework for thinking about how different innovations each contribute to the overall design of a SUI With this framework and a multidisciplinary perspective in hand the book then continues by reviewing early successful established and experimental concepts for SUI design The book then concludes by discussing how we can analyse and evaluate the on going

developments in SUI design as this multidisciplinary area of research moves forwards Finally in reviewing these many SUIs and SUI features the book finishes by extracting a series of 20 SUI design recommendations that are listed in the conclusions Table of Contents Introduction Searcher Computer Interaction Early Search User Interfaces Modern Search User Interfaces Experimental Search User Interfaces Evaluating Search User Interfaces Conclusions   *Search User Interface Design* Max L. Wilson,2012 Designing a great Search User Interface SUI means leveraging the knowledge and skills from a variety of communities The aim of this book is to at least acknowledge if not integrate all of these perspectives to bring the reader into a multidisciplinary mindset for how we should think about SUI design   **Mobile Search Behaviors** Dan Wu,Shaobo H. Liang,2022-05-31 With the rapid development of mobile Internet and smart personal devices in recent years mobile search has gradually emerged as a key method with which users seek online information In addition cross device search also has been regarded recently as an important research topic As more mobile applications APPs integrate search functions a user s mobile search behavior on different APPs becomes more significant This book provides a systematic review of current mobile search analysis and studies user mobile search behavior from several perspectives including mobile search context APP usage and different devices Two different user experiments to collect user behavior data were conducted Then through the data from user mobile phone usage logs in natural settings we analyze the mobile search strategies employed and offer a context based mobile search task collection which then can be used to evaluate the mobile search engine In addition we combine mobile search with APP usage to give more in depth analysis such as APP transition in mobile search and follow up actions triggered by mobile search The study combining the mobile search with APP usage can contribute to the interaction design of APPs such as the search recommendation and APP recommendation Addressing the phenomenon of users owning more smart devices today than ever before we focus on user cross device search behavior We model the information preparation behavior and information resumption behavior in cross device search and evaluate the search performance in cross device search Research on mobile search behaviors across different devices can help to understand online user information behavior comprehensively and help users resume their search tasks on different devices   **Professional Microsoft Search** Mark Bennett,Jeff Fried,Miles Kehoe,Natalya Voskresenskaya,2010-10-07 Use Microsoft s latest search based technology FAST search to plan customize and deploy your search solution FAST is Microsoft s latest intelligent search based technology that boasts robustness and an ability to integrate business intelligence with Search This in depth guide provides you with advanced coverage on FAST search and shows you how to use it to plan customize and deploy your search solution with an emphasis on SharePoint 2010 and Internet based search solutions With a particular appeal for anyone responsible for implementing and managing enterprise search this book presents the key features and functions that are available with FAST search Real world examples show you how the technology works and the author team of experts demonstrates how FAST can be used to solve key challenges in the Enterprise FAST search is Microsoft s latest search based

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