

We are poised at a major turning point in the history of information management via computers. Recent evolutions in computing, communications, and commerce are fundamentally reshaping the ways in which we humans interact with information, and generating enormous volumes of electronic data along the way. As a result of these forces, what will data management technologies, and their supporting software and system architectures, look like in ten years? It is difficult to say, but we can see the future taking shape now in a new generation of information access platforms that combine strategies and structures of two familiar -- and previously quite distinct -- technologies, search engines and databases, and in a new model for software applications, the Search-Based Application (SBA), which offers a pragmatic way to solve both well-known and emerging information management challenges as of now. Search engines are the world's most familiar and widely deployed information access tool, used by hundreds of millions of people every day to locate information on the Web, but few are aware they can now also be used to provide precise, multidimensional information access and analysis that is hard to distinguish from current database applications, yet endowed with the usability and massive scalability of Web search. In this book, we hope to introduce Search Based Applications to a wider audience, using real case studies to show how this flexible technology can be used to intelligently aggregate large volumes of unstructured data (like Web pages) and structured data (like database content), and to make that data available in a highly contextual, quasi real-time manner to a wide base of users for a varied range of purposes. We also hope to shed light on the general convergences underway in search and database disciplines, convergences that make SBAs possible, and which serve as harbingers of information management paradigms and technologies to come.

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The Rolling Stones 50, The LifeQuake Phenomenon: How to Thrive (Not Just Survive) in Times of Personal and Global Upheaval, ASTE GIUDIZIARIE - TASSAZIONE DELLIMPOSTA DI REGISTRO ALLA LUCE DELLA SENTENZA DELLA CORTE COSTITUZIONALE N. 6/2014: Guida teorico-pratica su come ottenere ... differenza di imposta di (Italian Edition), Deep Black, The American Academy of Orthopaedic Surgeons Instructional Course Lectures, V15, 1958, Optical Illusions with CDROM (Knowledge Masters), A summary of the law of lien, Beyond the Boundaries: Life and Landscape at the Lake Superior Copper Mines, 1840-1875 (Michigan), ICSA Practice and Revision Kit 1998: Job Related Options Paper 17,

As a result of these forces, what will data management technologies, and their Search-based Applications: At the Confluence of Search and Database.

Applications at the Confluence of. Database and Search. Engine Technology How Search Based Applications Work. Connect. • Get real-time flows of data.

Search Based Applications at the Confluence of Database and Search Engine Technology. Gregory Grefenstette. Uploaded by. Gregory Grefenstette. At the Confluence of Search and Database Technologies Gregory Grefenstette, Laura Wilber. & MORGAN&CLAYPOOL PUBLISHERS Search-Based. Gregory Grefenstette and Laura Wilber, Search-Based

Applications: At the Confluence of Search and Database Technologies (San Rafael, CA: Morgan and .

An In-depth Analysis Based on Contexts, APPs, and Devices Dan Wu, the Confluence of Search and Database Technologies Gregory Grefenstette and Laura. Potential topics include, but not are limited to: data models, indexing theory and Michael E. D. Koenig Search-Based Applications: At the Confluence of Search and Database Technologies Gregory Grefenstette and Laura Wilber Information. two fields is motivated by specific application scenarios. In this paper we present observations of similarities in the two technologies, and aggregate that are a mixture of traditional database systems and search engines [6, 26, 20]. tion retrieval, known to users through web search engines like Google. As Jira is a web application, users interact with Jira using a web browser. superseded by Webwork 2, which is used by Confluence, Bamboo and Crowd . These large amounts of data are not suitable for searching against.

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