

Understanding Multimedia Documents

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Editors



Springer

Understanding Multimedia Documents 1st First Edition
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Michalis Vazirgiannis



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HIMSS Publications & Multimedia Catalog HIMSS, **Understanding Multimedia Documents** Richard Lowe, Jean-Francois Rouet, Wolfgang Schnotz, 2008-07-17 Professionals who use multimedia documents as a tool to communicate concepts will find this a hugely illuminating text It provides a comprehensive and up to date account of relevant research issues methodologies and results in the area of multimedia comprehension More specifically the book draws connections between cognitive research instructional strategies and design methodologies It includes theoretical reviews discussions of research techniques and original experimental contributions The book highlights essential aspects of current theories and trends for future research on the use of multimedia documents **Multimedia Document Systems in**

Perspectives Peiya Liu, Arif Ghafoor, 2012-12-06 Multimedia Document Systems in Perspectives brings together in one place important contributions and up to date research results in this fast moving area Multimedia Document Systems in Perspectives serves as an excellent reference providing insight into some of the most challenging research issues in the field

Fundamentals of Multimedia Ze-Nian Li, Mark S. Drew, Jiangchuan Liu, 2021 Interactive Multimedia Documents Michalis Vazirgiannis, 2014-01-15 Encyclopedia of Multimedia Borko Furht, 2008-09-25 This second edition provides easy access to important concepts issues and technology trends in the field of multimedia technologies systems techniques and applications Over 1 100 heavily illustrated pages including 80 new entries present concise overviews of all aspects of software systems web tools and hardware that enable video audio and developing media to be shared and delivered electronically **Multimedia Systems** Ralf Steinmetz, Klara Nahrstedt, 2014-03-12 Multimedia Systems discusses the basic characteristics of multimedia operating systems networking and communication and multimedia middleware systems The overall goal of the book is to provide a broad understanding of multimedia systems and applications in an integrated manner a multimedia application and its user interface must be developed in an integrated fashion with underlying multimedia middleware operating systems networks security and multimedia devices Fundamental characteristics of multimedia operating and distributed communication systems are presented especially scheduling algorithms and other OS supporting approaches for multimedia applications with soft real time deadlines multimedia file systems and servers with their decision algorithms for data placement scheduling and buffer management multimedia communication transport and streaming protocols services with their error control congestion control and other Quality of Service aware and adaptive algorithms synchronization services with their skew control methods and group communication with their group coordinating algorithms and other distributed services **Multimedia and Groupware for Editing** Adelino Santos, 1995-08-18 Multimedia techniques enable the production of non traditional documents containing enormous amounts of information The production of such documents by a group as opposed to an individual is the main subject of this book A group needs to communicate and multimedia technology can be used to enhance group communication How multimedia documentation and communication

and groups of authors fit together are the main questions tackled The book describes the construction of a conceptual framework and the prototype system CoMediA as well as how the system was used to conduct a group effectiveness study involving two applications cooperative software engineering and data production Thus the work relates to multimedia communication cooperative editing and group support and effectiveness *Multimedia* Jose L. Encarnacao,James D. Foley,2011-12-16 Multimedia computing is a logical next step by which computing technology will become ever more useful and ubiquitous in our everyday lives From the perspective of technical challenges multimedia affects nearly every aspect of computer hardware and software The long heralded marriage of computing communications and information services is now being consummated and is manifesting itself in literally dozens of new alliances between companies ranging from semiconductors to cable TV from newspapers and telephone companies to computer hardware and software Multimedia Applications Ralf Steinmetz,Klara Nahrstedt,2011-01-27 Multimedia Applications discusses the basic characteristics of multimedia document handling programming security human computer interfaces and multimedia application services The overall goal of the book is to provide a broad understanding of multimedia systems and applications in an integrated manner a multimedia application and its user interface must be developed in an integrated fashion with underlying multimedia middleware operating systems networks security and multimedia devices Fundamental information and properties of hypermedia document handling multimedia security and various aspects of multimedia applications are presented especially about document handling and their standards programming of multimedia applications design of multimedia information at human computer interfaces multimedia security challenges such as encryption and watermarking multimedia in education as well as multimedia applications to assist preparation processing and application of multimedia content

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