

Archive Database Ument

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Digital Preservation for Libraries, Archives, and Museums Edward M. Corrado 2017-01-12 This new edition of Digital Preservation in Libraries, Archives, and Museums is the most current, complete guide to digital preservation available today. For administrators and practitioners alike, the information in this book is presented readably, focusing on management issues and best practices. Although this book addresses technology, it is not solely focused on technology. After all, technology changes and digital preservation is aimed for the long term. This is not a how-to book giving step-by-step processes for certain materials in a given kind of system. Instead, it addresses a broad group of resources that could be housed in any number of digital preservation systems. Finally, this book is about "things (not technology; not how-to; not theory) I wish I knew before I got started." Digital preservation is concerned with the life cycle of the digital object in a robust and all-inclusive way. Many Europeans and some North Americans may refer to digital curation to mean the same thing, taking digital preservation to be the very limited steps and processes needed to insure access over the long term. The authors take digital preservation in the broadest sense of the term: looking at all aspects of curating and preserving digital content for long term access. The book is divided into four parts: 1. Situating Digital Preservation, 2. Management Aspects, 3. Technology Aspects, and 4. Content-Related Aspects. Digital Preservation will answer questions that you might not have even known you had, leading to more successful digital preservation initiatives.

SQL & NoSQL Databases Andreas Meier 2019-07-05 This book offers a comprehensive introduction to relational (SQL) and non-relational (NoSQL) databases. The authors thoroughly review the current state of database tools and techniques, and examine coming innovations. The book opens with a broad look at data management, including an overview of information systems and databases, and an explanation of contemporary database types: SQL and NoSQL databases, and their respective management systems. The nature and uses of Big Data. A high-level view of the organization of data management Data Modeling and Consistency Chapter-length treatment is afforded Data Modeling in both relational and graph databases, including enterprise-wide data architecture, and formulas for database design. Coverage of languages extends from an overview of operators, to SQL and QBE (Query by Example), to integrity constraints and more. A full chapter probes the challenges of Ensuring Data Consistency, covering: Multi-User Operation Troubleshooting Consistency in Massive Distributed Data Comparison of the ACID and BASE consistency models, and more System Architecture also gets from its own chapter, which explores Processing of Homogeneous and Heterogeneous Data; Storage and Access Structures; Multi-dimensional Data Structures and Parallel Processing with MapReduce, among other topics. Post-Relational and NoSQL Databases The chapter on post-relational databases discusses the limits of SQL - and what lies beyond, including Multi-Dimensional Databases, Knowledge Bases and Fuzzy Databases. A final chapter covers NoSQL Databases, along with Development of Non-Relational Technologies, Key-Value, Column-Family and Document Stores XML Databases and Graphical Databases, and more The book includes more than 100 tables, examples and illustrations, and each chapter offers a list of resources for further reading. SQL & NoSQL Databases conveys the strengths and weaknesses of relational and non-relational approaches, and shows how to undertake development for big data applications. The book benefits readers including students and practitioners working across the broad field of applied information technology. This textbook has been recommended and developed for university courses in Germany, Austria and Switzerland.

Encoding Across Frontiers Bill Stocking 2012-12-06 Discover the history, development, and use of EAD, EAC, and EAG Encoding Across Frontiers is a careful selection of the finest presentations from the European Conference on Encoded Archival Description and Context (EAD and EAC) held in Paris, France in October 2004. International experts explore the history and practical use of EAD in Europe, the development and future of EAC, and a data format for information about archive holders, Encoded Archival Guide (EAG). Archivists will learn the latest in technology, practical applications, and international perspectives on how to transcend the printed word. Archivists have long imagined the practical benefits of using advanced technologies in their work. Encoding Across Frontiers is a detailed look at the technologies that have been transforming archival description, revealing a future that travels beyond the limits of traditional media. Respected authorities discuss ways to use technology to bring information to a wider audience through online services, standardization of data, the development and use of EAD, the issues in EAD implementation, case studies of implementation from France and the United Kingdom, the need to structure contextual information to allow access to archival material, and funding issues. Topics in Encoding Across Frontiers include: the history, use, and spread of EAD in Europe development of standards for describing archive creators and archive holders-and the tool called Encoded Archival Guide (EAG) a case study of the Bodleian Library's conversion to EAD the status of training for archivists in the use of EAD an examination of MidosXML in Germany as a pilot application and tool the BASYS-Fox system and the scope of EAD in the Bundesarchiv EAD's capabilities as a tool for information created by different professional communities the sharing of descriptive standards between public archives and private collections a case study of the Metrica Regni Project in Poland four projects providing EAD users the means to control the quality of archival finding tools the Archives Départementales de la Côte-d'Or's decision to use a simple and efficient software package to publish online archival descriptions and the library catalogue a discussion of three different online services that provide federated access to finding aids in the United Kingdom the influence of American and European practices on EAD the relationship of EAD and EAC as data formats to national and international content standards the SIAFSI Project and the Online Guide to the State Archives of Florence EAC and the development of national and European gateways to archives and so much more Encoding Across Frontiers is crucial reading for every archive professional at any level, archive students in training, and any allied library and museum professional with an interest in EAD, EAC, and EAG.

Regional Data to Support Biodiversity Assessments 2005

Digitization and Digital Archiving Elizabeth R. Leggett 2020-12-15 To help new archivists and genealogists with what can be a daunting process, Digitization and Digital Archiving: A Practical Guide for Librarians answers common questions, including: 1. What should be stored? 2. Where and how should it be stored? 3. How exactly is information stored in a computer? 4. How does copyright law affect archiving? 5. How can metadata be used to improve collection access? This revised second edition has been updated to address new trends and the latest innovations in technology, including: 1. A brand-new chapter addressing different common types of born-digital materials which a librarian may need to archive, such as databases or websites 2. Information about identifying and gathering data from floppy disks, an increasingly important task as this technology ages and its data becomes at greater risk of loss 3. Fully updated chapters to address the latest changes in file storage and formats, including more information on the storage of audio and video media 4. Interesting information about the origins of different common technologies to help the reader better understand the past, present, and future of computer technology This is a comprehensive guide to the process of digital storage and archiving. Assuming only basic computer knowledge, this guide walks the reader through everything he or she needs to know to start or maintain a digital archiving project. Any librarian interested in how digital information is stored can benefit from this guide.

Data Mining Methods for the Content Analyst Kalev Letaru 2012 With continuous advancements and an increase in user popularity, data mining technologies serve as an invaluable resource for researchers across a wide range of disciplines in the humanities and social sciences. In this comprehensive guide, author and research scientist Kalev Letaru introduces the approaches, strategies, and methodologies of current data mining techniques, offering insights for new and experienced users alike. Designed as an instructive reference to computer-based analysis approaches, each chapter of this resource explains a set of core concepts and analytical data mining strategies, along with detailed examples and steps relating to current data mining practices. Every technique is considered with regard to context, theory of operation and methodological concerns, and focuses on the capabilities and strengths relating to these technologies. In addressing critical methodologies and approaches to automated analytical techniques, this work provides an essential overview to a broad innovative field.

A Glossary of Archival and Records Terminology Richard Pearce-Moses 2005 Intended to provide the basic foundation for modern archival practice and theory.

IBM Enterprise Content Management and IBM Information Archive: Providing the Complete Solution Wei-Dong Zhu 2011-01-19 The need to archive information is on the rise, driven by content and data growth, regulatory compliance, legal discovery, and data protection requirements. The IBM® Smart Archive strategy is a comprehensive, unified, and integrated archive strategy that combines IBM software, systems, and service capabilities that are designed to help organizations extract value and to gain new intelligence from information by collecting, organizing, analyzing, and using that information. IBM Enterprise Content Management (ECM) products and offerings combined with the IBM Information Archive device provides the type of end-to-end Smart Archive solution that is a critical component of the IBM Smart Archive strategy. This IBM Redpaper™ publication focuses on the benefit and technical details of the integration of ECM products and offerings with the Information Archive device. We explain the need and concept behind the IBM Smart Archive strategy, provide an overview of the Information Archive device and ECM products and offerings, and discuss how integrating them can benefit an organization. The technical details that we provide include integrating the Information Archive device with the following ECM products and offerings: -- IBM FileNet® P8 -- IBM Content Manager -- IBM Content Manager OnDemand The Information Archive for Email, Files, and eDiscovery solution comes with the preintegrated and preconfigured Information Archive device and the preinstalled ECM software. The paper introduces technical sales people and IT specialists to the IBM Smart Archive strategy and the integration of Information Archive and ECM products and offerings. At the same time, it provides IT specialists specific guidance about performing the integrations.

Curating Oral Histories Nancy MacKay 2016-06-16 For the past ten years, Nancy MacKay's *Curating Oral Histories* (2006) has been the one-stop shop for librarians, curators, program administrators, and project managers who are involved in turning an oral history interview into a primary research document, available for use in a repository. In this new and greatly expanded edition, MacKay uses the life cycle model to map out an expanded concept of curation, beginning with planning an oral history project and ending with access and use. The book: -guides readers, step by step, on how to make the oral history "archive ready"; -offers strategies for archiving, preserving, and presenting interviews in a digital environment; -includes comprehensive updates on technology, legal and ethical issues, oral history on the Internet, cataloging, copyright, and backlogs.

Archiving SAP Data-- Practical Guide Ahmet Turk 2015-09-01 Translation of: Praxishandbuch SAP--Datenarchivierung.

Web Archiving Julien Masanès 2007-02-15 This book assembles contributions from computer scientists and librarians that altogether encompass the complete range of tools, tasks and processes needed to successfully preserve the cultural heritage of the Web. It combines the librarian's application knowledge with the computer scientist's implementation knowledge, and serves as a standard introduction for everyone involved in keeping alive the immense amount of online information.

King County Archives Program County Document Database King County Archives Program (King County, Wash.) 1993

Respect for Authority Jean Dryden 2018-10-24 Groundbreaking ideas in archival description and control Archival authority control is an often ambiguous label that embraces a potentially wide scope. In this active and quickly-evolving field, new methods of clarification are essential for successful archive management. The articles in *Respect for Authority: Authority Control, Context Control, and Archival Description* offer an innovative approach by marking and exploring a clear distinction between conventional archival authority files and the broader concept of context control. Intended to not only answer important questions but raise worthy new ones as well, *Respect for Authority: Authority Control, Context Control, and Archival Description* reveals striking new perspectives in managing archival description more effectively. The engaging essays in this collection tackle key issues of archive authority control and offer sound proposals for advancing a new course. Comprehensive in its approach, this text takes an in-depth look at both the International Standard for Archival Authority Records (ISAA) and the American standard, *Describing Archives: a Content Standard (DACS)* and considers the place of authority control in these two standards for archival description. In addition, contributors offer practical answers to the thorny issue of identifying the boundaries of a records-creating entity and present criteria for determining when a new entity is established. International in scope, this book presents groundbreaking case studies by archive professionals from Canada, the United States, Italy, and Australia that document the successes of different institutional applications that describe the records-creator first and then link this description to that of the records themselves. *Respect for Authority: Authority Control, Context Control, and Archival Description* also includes expert discussions of: the role of standards the nature of archives and their relationships with their creators resources necessary to fully document contextualized content the power of provenance possibilities available through a trinity of descriptive

entities—records, agents, and functions the potential of “provenance rediscovery” in American repositories postmodern archive theory, multiple provenance, and the reconceptualization of archive context using ISAAR to document records—creating environments challenges inherent in implementing series-based systems of arrangement and description the National Archives and Records Administration (NARA) and the Archival Resource Catalog (ARC) digitizing and publishing registers and the development of the Online Heritage Resource Manager (OHRM) and many more! Ideal for archive professionals, manuscript librarians, students, and researchers of archival administration, Respect for Authority: Authority Control, Context Control, and Archival Description not only resolves important questions revealed by these new trends but opens new discussions of a major shift in descriptive practice.

Information Security Applications Kyo-Il Chung 2009-02-13 workshop.

Operations and Maintenance Support for the CTC Archive: Guide to Using the Battle Damage Assessment (BDA) Database 1996 The purpose of this document is to describe a method of accessing the Battle Damage Assessment (BDA) data collected at the Combat Training Centers (CTC). These data are archived at the Army Research Institute Presidio of Monterey Field Unit (ARI-POM). They are available to those researchers and analysts who have been granted access through CAC-T to the archive. The BDA data are collected at each of the three Combat Training Centers and sent to ARI-POM. This document uses the Structured Query Language (SQL) interface to the data in the database. The intent is not to teach the use of SQL, but use it as an instrument to teach the user the schema and relationships of the BDA data. This document addresses understanding the BDA tables and the data within.

Collective Intelligence and Digital Archives Samuel Szonieczky 2017-01-18 Collective Intelligence and Digital Archives DIGITAL TOOLS AND USES SET Coordinated by Imad Saleh This book presents the most up-to-date research from different areas of digital archives to show how and why collective intelligence is being developed to organize and better communicate new masses of information. Current archive digitization projects produce an enormous amount of digital data (Big Data). Thanks to the proactive approach of large public institutions, this data is increasingly accessible. Despite the recent stabilization of technical and legal frameworks, the use of data has yet to be enriched by processes such as collective intelligence. By exploring the field of digital humanities, audiovisual archives, preservation of cultural heritage, crowdsourcing and the recovery of scientific archives, this book presents and analyzes concrete examples of collective intelligence for use in digital archives.

Preparing Data for Sharing 2010 This data guide takes readers through the cycle of social science research, from applying for a research grant, through conducting the data collection phase, and ultimately to preparing the data for deposit in archives or data repositories. An adaptation of the fourth edition of the Guide to Social Science Data Preparation and Archiving of 2009 by the Inter-University Consortium for Political and Social Research at the University of Michigan, this publication will help researchers to manage, document, and archive their data and to think broadly about which types of digital content should be deposited in such an archive.

Final Report: Sources and documentation United States. Advisory Committee on Human Radiation Experiments 1995

Cloud Enterprise Architecture Pethuru Raj 2012-10-24 Cloud Enterprise Architecture examines enterprise architecture (EA) in the context of the surging popularity of Cloud computing. It explains the different kinds of desired transformations the architectural blocks of EA undergo in light of this strategically significant convergence. Chapters cover each of the contributing architectures of EA—business, information, application, integration, security, and technology—illustrating the current and impending implications of the Cloud on each. Discussing the implications of the Cloud paradigm on EA, the book details the perceptible and positive changes that will affect EA design, governance, strategy, management, and sustenance. The author ties these topics together with chapters on Cloud integration and composition architecture. He also examines the Enterprise Cloud, Federated Clouds, and the vision to establish the InterCloud. Laying out a comprehensive strategy for planning and executing Cloud-inspired transformations, the book: Explains how the Cloud changes and affects enterprise architecture design, governance, strategy, management, and sustenance Presents helpful information on next-generation Cloud computing Describes additional architectural types such as enterprise-scale integration, security, management, and governance architectures This book is an ideal resource for enterprise architects, Cloud evangelists and enthusiasts, and Cloud application and service architects. Cloud center administrators, Cloud business executives, managers, and analysts will also find the book helpful and inspirational while formulating appropriate mechanisms and schemes for sound modernization and migration of traditional applications to Cloud infrastructures and platforms.

International Data Archive MICHIGAN UNIV ANN ARBOR. 1971 The Archive undertakes as its primary goals the acquisition, standardization, and dissemination of international affairs data. These goals necessitate adequate standards, predominantly in the areas of data formatting, definitions and coding of variables, and validity checking of data. The first document is a list of studies available from the Archive as of 30 Jun 1971. The second is an index of all variables in Archive holdings. The third document is a description of the OSIRIS-CONSTAT Interface program. The fourth through eighth documents are the final versions of Archive produced codebooks for political events and interactions.

Document Management Applications. Archiving of Electronic Data. Computer Output Microform (COM)/Computer Output Laser Disc (COLD) British Standards Institute Staff 1917-09-18 CD-ROM, Records management, Data processing, Documents, Optical disk recordings, Data media, Computer output on microfilm, Data recording, Archive documents, Records (documents), Document storage, Optical disks, Microforms

Archives and the Digital Library William E. Landis 2013-05-13 Technological advances and innovative perspectives constantly evolve the notion of what makes up a digital library. Archives and the Digital Library provides an insightful snapshot of the current state of archiving in the digital realm. Respected experts in library and information science present the latest research results and illuminating case studies to provide a comprehensive glimpse at the theory, technological advances, and unique approaches to digital information management as it now stands. The book focuses on digitally reformatted surrogates of non-digital textual and graphic materials from archival collections, exploring the roles archivists can play in broadening the scope of digitization efforts through creatively developing policies, procedures, and tools to effectively manage digital content. Many of the important advances in digitization of materials have little to do with the efforts of archivists. Archives and the Digital Library concentrates specifically on the developments in the world of archives and the digitization of the unique content of information resources archivists deal with on a constant basis. This resource reviews the current issues and challenges, effective user assessment techniques, various digital resources projects, collaboration strategies, and helpful best practices. The book is extensively referenced and includes helpful illustrative figures. Topics in Archives and the Digital Library include: a case study of LSTA-grant funded California Local History Digital Resources Project expanding the scope of traditional archival digitations projects beyond the limits of a single institution a case study of the California Cultures Project the top ten themes in usability issues case studies of usability studies, focus groups, interviews, ethnographic studies, and web log analysis developing a reciprocal partnership with a digital library the technical challenges in harvesting and managing Web archives metadata strategies to provide descriptive, technical, and preservation related information about archived Web sites long-term preservation of digital materials building a trusted digital repository collaboration in developing and supporting the technical and organizational infrastructure for sustainability in both academic and state government the Archivists' Toolkit software application Archives and the Digital Library is timely, important reading for archivists, librarians, library administrators, library information educators, archival educators, and students.

Copyright Graham P. Cornish 2019-10-21 Cornish's Copyright is the standard work in its field and is indispensable for all librarians and information professionals who are looking for solutions to their copyright problems. The book explains the provisions of the UK Copyright Act and supporting legislation in quick and easy question-and-answer form. This revised edition is fully updated to take into account all of the changes that have come into force since the 6th edition was published in 2015. All types of material that may attract copyright are considered, including: literary, dramatic and musical works artistic works sound recordings films and video broadcast databases computer programs and websites. The text is amplified by the use of practical examples to illustrate complex points and complemented by a detailed index that enables the enquirer to pinpoint topics and proposed action quickly and accurately. The appendices provide helpful lists of addresses and selected further sources of information. This book will be invaluable for all librarians, information professionals and students who are looking for solutions to their copyright problems.

Web History Niels Brügger 2010 This is the first edited volume to put the emerging field of web history on the agenda of internet research. Sixteen original chapters investigate how the use of the web has developed in the realm of web culture at large, as well as how the organization of web industries and old media institutions on the web have changed. A number of fundamental theoretical and methodological questions related to doing web history are also examined. The collection aims to explore some of the possible ways of approaching the web of the past, based on the assumption that the past is not only important for historical purposes, but because it must be taken into consideration in order to fully understand the web of the present and the web of the future. The book includes a foreword by Charles Ess and contributions from Kirsten Foot, Steven Schneider, Alexander Halavais, Ken Hillis, and more.

Aviation Epidemiology Data Register: Indexing the AEDR Document Laser Optic Archive 1993 The Aviation Epidemiology Data Register (AEDR) is a family of databases storing health and physical parameters of Army aircrew. The components are administratively linked by social security number (SSN). A new component is an upgrade of the medical document microfiche archive to laser optic CD-ROM. The U.S. Army Aeromedical Activity requested assistance in creating an indexing scheme for the new system. They wanted to use a single SSN digit, the disks to fill at a uniform rate, and to keep the same aircrew member on the same disk even if multiple entries were made for the same patient. The SSN of each case in the microfiche archive was extracted as a reference population. Analysis of the frequency distribution of decimal values for selected SSN digits showed the last SSN digit would meet the stated requirements. Any of the first five SSN digits should not be used for indexing.

National Space Science Data Center Data Archive and Distribution Service (Ndads) Automated Retrieval Mail System User's Guide National Aeronautics and Space Administration 2018-10-20 The National Space Science Data Center (NSSDC) has developed an automated data retrieval request service utilizing our Data Archive and Distribution Service (NDADS) computer system. NDADS currently has selected project data written to optical disk platters with the disks residing in a robotic 'jukebox' near-line environment. This allows for rapid and automated access to the data with no staff intervention required. There are also automated help information and user services available that can be accessed. The request system permits an average-size data request to be completed within minutes of the request being sent to NSSDC. A mail message, in the format described in this document, retrieves the data and can send it to a remote site. Also listed in this document are the data currently available. Perry, Charleen M. and Vansteenberg, Michael E. Goddard Space Flight Center ...

Imaging & Document Solutions 2000

Doing Development Research Vandana Desai 2006-04-06 An A-Z of development research, this interdisciplinary guide draws together many strands of action research and participatory methods, demonstrating their diverse applications and showing how they interrelate.

INTERNATIONAL DATA ARCHIVE AND ANALYSIS CENTER. INTERNATIONAL RELATIONS ARCHIVE. 1969 The International Relations Archive undertakes as its primary goal the acquisition, management and dissemination of international affairs data. This goal necessitates direct interaction between the International Relations Archive staff and the academic community to ensure more adequate standards predominantly in the areas of data formatting, definitions and coding of variables, and validity checking of data. This working relationship assists the archival staff in maintaining awareness of the users' needs regarding data collection, data analysis and software development areas. The report contains two documents. The first document is the latest version of the memorandum, 'Data Holdings and Servicing Policies, International Relations Archive,' which lists the data sets presently residing in the International Relations Archive and their technical condition. All of these data sets are being serviced; and the total level of servicing during the period from July 1, 1969 through December 31, 1969, reached 344,532 card images of data. The second document is a copy of the preliminary version of the machine-readable codebook prepared for the data from the World Event/Interaction Survey, which was collected by Charles McClelland at the University of Southern California. Although some final editing remains to be performed on the text, this codebook represents the general format which the International Relations Archive will employ to describe the contents of the contents of the various data sets.

Advisory Committee on Human Radiation Experiments: Sources and documentation United States. Advisory Committee on Human Radiation Experiments 1995

Caring for Digital Data in Archaeology 2013-05-31 A wide variety of organizations are both creating and retaining digital data from archaeological projects. While current methods for preservation and access to data vary widely, nearly all of these organizations agree that careful management of digital archaeological resources is an important aspect of responsible archaeological stewardship. This guide provides information on the best way to create, manage, and document digital data files produced during the course of an archaeological project and aims to improve the practice of depositing and preserving digital information safely within an archive for future use. It is structured in three main parts: Digital Archiving - looks at the fundamentals of digital preservation and covers general preservation themes within the context of archaeological investigations, research, and resource management, with an overview of digital archiving practice and guidance; The Project Lifecycle - looks at common project lifecycle elements such as file naming, metadata creation, and copyright and covers general, broad themes that should be considered at the outset of a project; Basic Components - looks at selected technique and file type-specific issues together with archive structuring and deposit. This section covers common file types that are frequently present in archaeological archives, irrespective of a project's primary technique or focus.

E-business Brian Stanford-Smith 2000 How can the Internet and world wide web improve my long-term competitive advantage? This book helps answer this question by

providing a better understanding of the technologies, their potential applications and the ways they can be used to add value for customers, support new strategies, and improve existing operations. It is not just about e-commerce but the broader theme of e-business which affects products, business processes, strategies, and relationships with customers, suppliers, distributors and competitors. To cover future trends, the editors have collected papers from authors operating at the frontiers of the developments so the reader can more appreciate the directions in which these technologies are heading. The resulting 165 essays have been collated into ten sections, which have been grouped in three parts: key issues, applications areas and applications, tools and technologies. A business rarely makes radical changes but is constantly making adjustments to circumstances. Businesses must now adapt to the global implications of the Internet and world wide web. This book hopes to aid awareness of the implications so that the changes are managed wisely.

PASCAL. 1993

Building an Electronic Records Archive at the National Archives and Records Administration National Research Council 2003-08-18 Like its constituent agencies and other organizations, the federal government generates and increasingly saves a large and growing fraction of its records in electronic form. Recognizing the greater and greater importance of these electronic records for its mission of preserving "essential evidence," the National Archives and Records Administration (NARA) launched a major new initiative, the Electronic Records Archives (ERA). NARA plans to commence the initial procurement for a production-quality ERA in 2003 and has started a process of defining the desired capabilities and requirements for the system. As part of its preparations for an initial ERA procurement, NARA asked the National Academies' Computer Science and Telecommunications Board (CSTB) to provide independent technical advice on the design of an electronic records archive, including an assessment of how work sponsored by NARA at the San Diego Supercomputer Center (SDSC) helps inform the ERA design and what key issues should be considered in ERA's design and operation. Building an Electronic Records Archive at the National Archives and Records Administration provides preliminary feedback to NARA on lessons it should take from the SDSC work and identifies key ERA design issues that should be addressed as the ERA procurement process proceeds in 2003.

Building an Electronic Records Archive at the National Archives and Records Administration National Research Council 2005-07-28 The federal government generates and increasingly saves a large and growing fraction of its records in electronic form. In 1998, the National Archives and Record Administration (NARA) launched its Electronic Archives (ERA) program to create a system to preserve and provide access to federal electronic records. To assist in this project, NARA asked the NRC to conduct a two-phase study to provide advice as it develops the ERA program. The first two reports (phase one) provided recommendations on design, engineering, and related issues facing the program. This report (phase two) focuses on longer term, more strategic issues including technology trends that will shape the ERA system, archival processes of the ERA, and future evolution of the system. It also provides an assessment of technical and design issues associated with record integrity and authenticity.

A Guide to Archiving of Electronic Records Tim Stiles 2014-03 The retention and archiving of study materials and process records, raw data and source data, is a critical part of compliance with both Good Laboratory Practice (GLP) and Good Clinical Practice (GCP). The maintenance and retention of such records provides the means by which a study, trial, process or procedure can be reconstructed and thus enabling the information and results generated to be verified. Requirements for the operation of an archive and the archiving process for electronic records are no different to the requirement of physical records which are required to be retained for regulatory or business requirements. However, due to the variety and fragility of electronic records some additional features are required. The purpose of this document is to identify and discuss these features and provide guidance on how these challenges can be met.

Ethnic Monitoring and Data Protection Andrea Kriz n 2001-01-01

Availability and Preservation Ulrich Kampffmeyer 2002

Online Archive of California 199? The Online Archive of California Project (formerly the Berkeley finding aids project) is a two-year pilot project to develop a UC-wide prototype union database of 30,000 pages of archival finding aid data encoded using the Encoded Archival Description (EAD) SGML document type definition. This database will serve as the foundation for the development of a full-scale digital archive for the University of California System (UC) available via the Internet to diverse user communities. A selection of contributing California institutions include all of the University of California libraries, many of the California State University libraries, Berkeley Art Museum/Pacific Film Archives, California Historical Society, California Institute of Technology, California State Library, Gay and Lesbian Historical Society of Northern California, Getty Research Institute, Holocaust Center of Northern California, Huntington Library, NASA Ames History Project, San Francisco Maritime National Historical Park, San Joaquin County Historical Society and Museum, Santa Clara University, Stanford University, University of the Pacific, and the Western Jewish History Center.

Database and Expert Systems Applications Gerald Quirchmayr 1998-08-14 This book constitutes the refereed proceedings of the 9th International Conference on Database and Expert Systems Applications, DEXA'98, held in Vienna, Austria, in August 1998. The 81 revised full papers presented were carefully selected from a total of more than 200 submissions. The papers are organized in sections on active databases, object-oriented systems, data engineering, information retrieval, workflow and cooperative systems, spatial and temporal aspects, document management, spatial databases, adaptation and view updates, genetic algorithms, cooperative and distributed environments, interaction and communication, transaction, advanced applications, temporal aspects, oriented systems, partitioning and fragmentation, database queries, data, data warehouses, knowledge discovery and data mining, knowledge extraction, and knowledge base reduction for comprehension and reuse.