

# Archive Database Ument

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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 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 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 Graphic 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. King County Archives Program County Document Database King County Archives Program (King County, Wash.) 1993 Encoding Across Frontiers Bill Stocking 2005 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 SIASFI 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.

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.

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.

Data and Document Interchange Standards and the National Archives

National Archives of Canada. Government Records Branch 1987

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.

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

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.  
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.

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.

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

Information and Documentation. Document Storage requirements for Archive and Library Materials British Standards Institute Staff 1916-01-31 Culture, History, Museum services, Museums, Libraries, Arts, Documents, Information exchange, Data processing, Classification systems, Thesauri, Taxonomy, Semantics

Final Technical Report: History of the Combat Training Center Archive 1996 The purpose of this document is to report developments towards meeting the mission to provide vital and responsive information to the Army. The following is a documentation of the database development and what eventually became known as the CTC Archive which played a critical role in achieving the Army wide lessons learned mission. The information here serves several purposes: (a) To share what has been learned through the processes of creating a useable database. (b) To outline what information was available through the CTC Archive. (c) To document how military analysts and researchers have used the CTC Archive to develop lessons learned for the Army.

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 offering 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.

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.

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 (ISAAR) 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.

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.

Reference Services for Archives and Manuscripts Laura B Cohen 2012-11-12 Like their librarian colleagues, reference archivists mediate between the user and the source material. However, given the nature of archival materials and of their holding repositories, unique issues arise. While such matters as provenance and original order and access and security continue to be vital underpinnings of their work, a myriad of other issues comes into play as reference archivists attempt to balance the competing demands of donors, researchers, the public, and the press. From the creation and dissemination of finding aids for electronic resources to the implementation of marketing strategies to increase support

and strengthen service, Reference Services for Archives and Manuscripts shows you how to thrive in the changing world of archival reference. Intended to foster an appreciation of the issues both within and beyond the field of archives, Reference Services for Archives and Manuscripts reveals that today's archivist is straddling the world of the traditional with the world of the new. The book establishes its value as it guides you through new concerns such as how to: take advantage of technological developments in appraisal, accession, and preservation address copyright, privacy, and funding issues for electronic resources mount archival cataloging records on local and wide-area databases create a publicly available site on the Internet improve in-house access tools, professional abilities, and the caliber of public service address security issues and respond to theft Reference Services for Archives and Manuscripts also helps you by preparing you for changes in the relationship between archivist and researcher that will inevitably occur with further changes in technology. Other vital issues discussed are improved access for unserved and underserved groups, a revision in ethical codes, and the ability of archivists to become more customer-centered.

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

Regional Data to Support Biodiversity Assessments 2005

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.

Genealogical Data Among Berlin Document Center Biographic Collections United States. National Archives and Records Administration 1995

Availability and Preservation Ulrich Kampffmeyer 2002

Collective Intelligence and Digital Archives Samuel Szoniecky 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.

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.

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, predominately 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.

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 SIASFI 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.

Imaging & Document Solutions 2000

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.

PASCAL. 1993

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.

Report on Archives in the Enlarged European Union European Commission. National Experts Group on Archives 2005 This report addresses the situation of public archives in the Member States and the institutions of the European Union and their probable evolution in the years ahead against the background of enlargement. It suggests ways of improving document and archives management and archive services for the citizens of the European Union and contains a number of orientations for increased cooperation between archives as well as suggestions for priority actions.

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.

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

National Space Science Data Center Data Archive and Distribution Service (Ndads) Automated Retrieval Mail System User's Guide National Aeronautics and Space Administration (NASA) 2018-07-09 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 Vansteenbergh, Michael E. Goddard Space Flight Center ...

Data and Document Interchange Standards and the National Archives Canada. Bureau of Management Consulting 1987

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.

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