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Effective Manipulation of Digital Objects: A Prototype-Based Instantiation Approach -- LibraRing: An Architecture for Distributed Digital Libraries Based on DHTs -- Multimedia and Hypermedia Digital Libraries -- Hierarchical Organization and Description of Music Collections at the Artist Level -- A Comparison of Melodic Segmentation Techniques for Music Information Retrieval -- The Effect of Collection Fusion Strategies on Information Seeking Performance in Distributed Hypermedia Digital Libraries -- XML -- A Native XML Database Supporting Approximate Match Search -- XMLLibrary Search: An XML Search Engine Oriented to Digital Libraries -- From Legacy Documents to XML: A Conversion Framework -- SCOPE – A Generic Framework for XML Based Publishing Processes -- Building Digital Libraries -- DAR: A Digital Assets Repository for Library Collections -- Webservices Infrastructure for the Registration of Scientific Primary Data -- Incremental, Semi-automatic, Mapping-Based Integration of Heterogeneous Collections into Archaeological Digital Libraries: Megiddo Case Study -- Integrating Diverse Research in a Digital Library Focused on a Single Author -- User Studies -- A Fluid Interface for Personal Digital Libraries -- MedioVis – A User-Centred Library Metadata Browser -- Effectiveness of Implicit Rating Data on Characterizing Users in Complex Information Systems -- Managing Personal Documents with a Digital Library -- The Influence of the Scatter of Literature on the Use of Electronic Resources Across Disciplines: A Case Study of FinELib -- Information Seeking by Humanities Scholars -- ReadUp: A Widget for Reading -- Digital Preservation -- The DSpace Open Source Digital Asset Management System: Challenges and Opportunities -- File-Based Storage of Digital Objects and Constituent Datastreams: XMLtapes and Internet Archive ARC Files -- A No-Compromises Architecture for Digital Document Preservation -- A Study into the Effect of Digitisation Projects on the Management and Stability of Historic Photograph Collections -- Metadata -- Strategies for Reprocessing Aggregated Metadata -- A Hybrid Declarative/Procedural Metadata Mapping Language Based on Python -- Using a Metadata Schema Registry in the National Digital Data Archive of Hungary -- Digital Libraries and e-Learning -- Finding Appropriate Learning Objects: An Empirical Evaluation -- Managing Geography Learning Objects Using Personalized Project Spaces in G-Portal -- Evaluation of the NSDL and Google for Obtaining Pedagogical Resources -- Policy Model for University Digital Collections -- Text Classification in Digital Libraries -- Importance of HTML Structural Elements and Metadata in Automated Subject Classification -- DL Meets P2P – Distributed Document Retrieval Based on Classification and Content -- Automatic Detection of Survey Articles -- Searching -- Focused Crawling Using Latent Semantic Indexing – An Application for Vertical Search Engines -- Active Support for Query Formulation in Virtual Digital Libraries: A Case Study with DAFFODIL -- Expression of Z39.50 Supported Search Capabilities by Applying Formal Descriptions -- Text Digital Libraries -- A Comparison of On-Line Computer Science Citation Databases -- A Multi-document Summarization System for Sociology Dissertation Abstracts: Design, Implementation and Evaluation -- Compressing Dynamic Text Collections via Phrase-Based Coding -- Panels -- Does eScience Need DigitalLibraries? -- Digital Libraries over the Grid: Heaven or Hell? -- Posters -- Management and Sharing of Bibliographies -- Legislative Digital Library: Online and Off-line Database of Laws -- DIRECT: A System for Evaluating Information Access Components of Digital Libraries -- Modular Emulation as a Viable Preservation Strategy -- Retrieving Amateur Video from a Small Collection -- A Flexible Framework for Content-Based Access

Management for Federated Digital Libraries -- The OAI Data-Provider Registration and Validation Service -- An Effective Access Mechanism to Digital Interview Archives -- A Semantic Structure for Digital Theses Collection Based on Domain Annotations -- Towards Evaluating the Impact of Ontologies on the Quality of a Digital Library Alerting System -- Building Semantic Digital Libraries: Automated Ontology Linking by Associative Naïve Bayes Classifier -- Evaluation of a Collaborative Querying System -- Aiding Comprehension in Electronic Books Using Contextual Information -- An Information Foraging Tool -- mod\_oai: An Apache Module for Metadata Harvesting -- Using a Path-Based Thesaurus Model to Enhance a Domain-Specific Digital Library -- Generating and Evaluating Automatic Metadata for Educational Resources -- Web Service Providers: A New Role in the Open Archives Initiative? -- DiCoMo: An Algorithm Based Method to Estimate Digitization Costs in Digital Libraries -- Adapting Kepler Framework for Enriching Institutional Repositories: An Experimental Study -- The Construction of a Chinese Rubbings Digital Library: An Attempt in Preserving and Utilizing Chinese Cultural Heritage Materials -- Policy Model for National and Academic Digital Collections -- A Framework for Supporting Common Search Strategies in DAFFODIL -- Searching Cross-Language Metadata with Automatically Structured Queries -- Similarity and Duplicate Detection System for an OAI Compliant Federated Digital Library -- Sharing Academic Integrity Guidance: Working Towards a Digital Library Infrastructure -- Supporting ECDL'05 Using TCeReview -- ContentE: Flexible Publication of Digitised Works with METS -- The UNIMARC Metadata Registry -- Developing a Computational Model of "Quality" for Educational Digital Libraries.

#### Sommario/riassunto

Since its inception in 1997, the European Conference on Research and Advanced Technology for Digital Libraries (ECDL) has come a long way, creating a strong interdisciplinary community of researchers and practitioners in the field of digital libraries. We are proud to present the proceedings of ECDL 2005, the ninth conference in this series, which, following Pisa (1997), Heraklion (1998), Paris (1999), Lisbon (2000), Darmstadt (2001), Rome (2002), Trondheim (2003), and Bath (2004), took place on September 18–23, 2005 in Vienna, Austria. ECDL 2005 featured separate calls for paper and poster submissions, resulting in 130 full papers and 32 posters being submitted to the conference. All papers were subject to a thorough peer-review process, with an 87-person-strong Program Committee and a further 68 additional reviewers from 35 countries from basically all continents sharing the tremendous review load, producing between three and four detailed reviews per paper. Based on these, as well as on the discussion that took place during a one-week on-line PC discussion phase, 41 papers were finally selected for inclusion in the conference program during a 1.5 day PC meeting, resulting in an acceptance rate of only 32%. Furthermore, 17 paper submissions were accepted for poster presentations with an additional 13 posters being accepted based on a simplified review process of 2–3 reviews per poster from the poster submission track. Both the full papers as well as extended abstracts of the posters presented at ECDL 2005 are provided in these proceedings.