Managing Digital Cultural Objects: Analysis, discovery and retrieval

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Description

This book explores the analysis and interpretation, discovery and retrieval of a variety of non-textual objects, including image, music and moving image.

Bringing together chapters written by leading experts in the field, this book provides an overview of the theoretical and academic aspects of digital cultural documentation and considers both technical and strategic issues relating to cultural heritage projects, digital asset management and sustainability.

Managing Digital Cultural Objects: Analysis, discovery and retrieval draws from disciplines including information retrieval, library and information science (LIS), digital preservation, digital humanities, cultural theory, digital media studies and art history. It's argued that this multidisciplinary and interdisciplinary approach is both necessary and useful in the age of the ubiquitous and mobile Web.

Key topics covered include:

- Managing, searching and finding digital cultural objects
- Data modelling for analysis, discovery and retrieval
- Social media data as a historical source
- Visual digital humanities
- Digital preservation of audio content
- Searching and creating affinities in web music collections
- Film retrieval on the web.

Readership: The book will provide inspiration for students seeking to develop creative and innovative research projects at Masters and PhD levels and will be essential reading for those studying digital cultural object management as well as practitioners in the field.

Contents

Introduction - Pauline Rafferty and Allen Foster Part 1: Analysis and retrieval of digital

cultural objects 1. Managing, searching and finding digital cultural objects: putting it in context - Pauline Rafferty 2. Data modelling for analysis, discovery and retrieval - Sarah Higgins 3. The digital traces of user-generated content: how social media data may become the historical sources of the future - Katrin Weller Part 2: Digitization projects in libraries, archives and museums: case-studies 4. Visual digital humanities: using image data to derive approximate metadata - H. M. Dee, L. M. Hughes, G. L. Roderick and A. D. Brown 5. Managing and preserving digital collections at the british library - Maureen Pennock and Michael Day 6. Digital preservation of audio content - Will Prentice Part 3: Social networking and digital cultural objects 7. Photos: Flickr, Facebook and other social networking sites - Corinne Jorgensen 8. Searching and creating affinities in a web music collections - Nicola Orio 9. Film retrieval on the web: sharing, naming, access and discovery - Katherine La Barre and Rosa Ines de Novais Cordeiro

Author

Allen Foster has a BA in Social History, a Master's in Information Management and a PhD in Information Science. As Reader in Information Science, he has held various roles, including Head of Department for Information Studies, at Aberystwyth University. His research interest areas span the research process of Master's and PhD students, the development of models for information behaviour and serendipity, and user experience of information systems, creativity and information retrieval. He has guest edited for several journal special issues, is a regional editor for *The Electronic Library* and is a member of journal editorial boards, international panels and conference committees.

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