

Web Archiving

Bearbeitet von
Julien Masanès

1. Auflage 2006. Buch. VII, 234 S. Hardcover

ISBN 978 3 540 23338 1

Format (B x L): 15,5 x 23,5 cm

Gewicht: 532 g

Weitere Fachgebiete > EDV, Informatik > EDV, Informatik: Allgemeines, Moderne
Kommunikation > Soziale, sicherheitstechnische, ethische Aspekte

Zu Leseprobe

schnell und portofrei erhältlich bei

The logo for beck-shop.de features the text 'beck-shop.de' in a bold, red, sans-serif font. Above the 'i' in 'shop' are three red dots of increasing size. Below the main text, 'DIE FACHBUCHHANDLUNG' is written in a smaller, red, all-caps sans-serif font.

beck-shop.de
DIE FACHBUCHHANDLUNG

Die Online-Fachbuchhandlung beck-shop.de ist spezialisiert auf Fachbücher, insbesondere Recht, Steuern und Wirtschaft. Im Sortiment finden Sie alle Medien (Bücher, Zeitschriften, CDs, eBooks, etc.) aller Verlage. Ergänzt wird das Programm durch Services wie Neuerscheinungsdienst oder Zusammenstellungen von Büchern zu Sonderpreisen. Der Shop führt mehr als 8 Millionen Produkte.

Contents

1	Web Archiving: Issues and Methods	1
	<i>Julien Masanès</i>	
1.1	Introduction	1
1.2	Heritage, Society, and the Web	2
1.3	Web Characterization in Relation to Preservation	11
1.4	New Methods for a New Medium	18
1.5	Current Initiatives Overview	40
1.6	Conclusion	46
	References	46
2	Web Use and Web Studies	55
	<i>Steve Jones and Camille Johnson</i>	
2.1	Summary	55
2.2	Content Analysis	56
2.3	Surveys	58
2.4	Rhetorical Analysis	59
2.5	Discourse Analysis	60
2.6	Visual Analysis	61
2.7	Ethnography	63
2.8	Network Analysis	64
2.9	Ethical Considerations	65
2.10	Conclusion	66
	References	67
3.	Selection for Web Archives	71
	<i>Julien Masanès</i>	
3.1	Introduction	71
3.2	Defining a Selection Policy	72
3.3	Issues and Concepts	76
3.4	Selection Process	82
3.5	Documentation	89
3.6	Conclusion	89
	References	90

4. Copying Websites	93
<i>Xavier Roche</i>	
4.1 Introduction – The Art of Copying Websites	93
4.2 The Parser.....	95
4.3 Fetching Document	102
4.4 Create an Autonomous, Navigable Copy	107
4.5 Handling Updates	109
4.6 Conclusion.....	112
Reference	112
5 Archiving the Hidden Web.....	115
<i>Julien Masanès</i>	
5.1 Introduction	115
5.2 Finding At Least One Path to Documents.....	116
5.3 Characterizing the Hidden Web	119
5.4 Client Side Hidden Web Archiving.....	121
5.5 Crawler-Server Collaboration	123
5.6 Archiving Documentary Gateways	125
5.7 Conclusion.....	127
References.....	128
6 Access and Finding Aids	131
<i>Thorsteinn Hallgrímsson</i>	
6.1 Introduction	131
6.2 Registration	133
6.3 Indexing and Search Engines	135
6.4 Access Tools and User Interface	137
6.5 Case Studies	146
6.6 Acknowledgements	151
References.....	151
7 Mining Web Collections.....	153
<i>Andreas Aschenbrenner and Andreas Rauber</i>	
7.1 Introduction	153
7.2 Material for Web Archives.....	155
7.3 Other Types of Information.....	160
7.4 Use Cases	161
7.5 Conclusion	172
References.....	174

8	The Long-Term Preservation of Web Content.....	177
	<i>Michael Day</i>	
8.1	Introduction	177
8.2	The Challenge of Long-Term Digital Preservation.....	178
8.3	Developing Trusted Digital Repositories	181
8.4	Digital Preservation Strategies	184
8.5	Preservation Metadata	189
8.6	Digital Preservation and the Web.....	193
8.7	Conclusion	194
8.8	Acknowledgements	194
	References.....	194
9	Year-by-Year: From an Archive of the Internet to an Archive on the Internet.....	201
	<i>Michele Kimpton and Jeff Ubois</i>	
9.1	Introduction	201
9.2	Background: Early Internet Publishing	202
9.3	1996: Launch of the Internet Archive	202
9.4	1997: Link Structure and Tape Robots.....	203
9.5	1998: Getting Archive Data Onto (Almost) Every Desktop ..	204
9.6	1999: From Tape to Disk, A New Crawler, and Moving Images	205
9.7	2000: Building Thematic Web Collections	206
9.8	2001: Public Access with the Wayback Machine: The 9/11 Archive	207
9.9	2002: The Library of Alexandria, The Bookmobile, and Copyrights	208
9.10	2003: Extending Our Reach via National Libraries and Educational Institutions	210
9.11	2004: And the European Archive and the Petabox	211
9.12	The Future	211
	References.....	212
10	Small Scale Academic Web Archiving: DACHS.....	213
	<i>Hanno E. Lecher</i>	
10.1	Why Small Scale Academic Archiving?	213
10.2	Digital Archive for Chinese Studies.....	214
10.3	Lessons Learned: Summing Up	223
10.4	Useful Resources.....	224
	List of Acronyms.....	227
	Index.....	229