THE ATLAS OF NEW LIBRARIANSHIP

R. David Lankes

The MIT Press Cambridge, Massachusetts London, England

Association of College & Research Libraries A Division of the American Library Association

CONTENTS

PREFACE xi	OTHER INFORMATIVE CONCEPTS AND THEORIES 24		
	Dialectic Theories 25		
ACKNOWLEDGMENTS xiii	Sense-Making 25		
	Motivation Theories 26		
AN INTRODUCTION TO THE ATLAS 1	Motivation 26		
NAVIGATING THE FUTURE 2	Learning Theory 27		
	Constructivism 27		
THE FOUNDATIONS OF THE ATLAS 2	Postmodernism 27		
	CREATING A NEW SOCIAL COMPACT 28		
FINDING A CENTER IN THE DYNAMIC 3	Evolution of the Social Compact 29		
	THREAD CONCLUSION 29		
A NOTE ON RHETORIC 3	· · · · · · · · · · · · · · · · · · ·		
	KNOWLEDGE CREATION 31		
THE ATLAS 5	THE MISSION OF LIBRARIANS IS TO IMPROVE SOCIETY THROUGH FACILITATING		
A NOTE ON VISUALIZATION 6	KNOWLEDGE CREATION IN THEIR COMMUNITIES 31		
	KNOWLEDGE IS CREATED THROUGH CONVERSATION 31		
HOW TO NAVIGATE THE ATLAS 6	CONVERSATION THEORY 31		
	Conversants 32		
READERS OF THE ATLAS 11	Service Is Not Invisibility 33		
	Language 33		
LIMITATIONS OF THE ATLAS 11	Evolution of Systems 35		
THREADS 13	SYSTEM VIEW 36		
	USER-BASED DESIGN 37		
MISSION 15	USER SYSTEMS 38		
	Social Network Sites 39		
THE MISSION OF LIBRARIANS IS TO IMPROVE SOCIETY THROUGH FACILITATING KNOWLEDGE CREATION IN THEIR COMMUNITIES 15	AGREEMENTS 39		
IMPORTANCE OF WORLDVIEW 15	Artifacts 41		
	Source Amnesia 42		
	Invest in Tools of Creation over Collection of Artifacts 42		
IMPORTANCE OF THEORY AND DEEP CONCEPTS 18	Death of Documents 44		
Libraries and Theory 22	Memory 48		
CONVERSATION THEORY 23	Entailment Mesh 49		
Credibility 24	Annotations 49		

Limitations of Tagging 51 Cataloging Relationships 53

SCAPES 53

REFERENCE EXTRACT 60

FACILITATING 65

THE MISSION OF LIBRARIANS IS TO IMPROVE SOCIETY THROUGH FACILITATING KNOWLEDGE CREATION IN THEIR COMMUNITIES 65

TRUE FACILITATION MEANS SHARED OWNERSHIP 65

Members Not Patrons or Users 66

MEANS OF FACILITATION 66

ACCESS 67

Publisher of Community 67 Shared Shelves with the Community 68 Meeting Spaces 69

KNOWLEDGE 72

Library Instruction 72 Need for an Expanded Definition of Literacy 73 Gaming 75 Social Literacy 76

ENVIRONMENT 77

MOTIVATION 78

Intrinsic 79

Extrinsic 79

THREAD CONCLUSION 80

COMMUNITIES 83

THE MISSION OF LIBRARIANS IS TO IMPROVE SOCIETY THROUGH FACILITATING KNOWLEDGE CREATION IN THEIR COMMUNITIES 83

PRESSURE FOR PARTICIPATION 84

Boundary Issues 85

DIGITAL ENVIRONMENTS 86

Internet Model Example 86 Infrastructure Providers 86 TCP/IP 86 Application Builders 87 Open Source 87 Information Services 88 Web 2.0 89 User 90

CREDIBILITY 90 From Authority to Reliability 91 Authoritative versus Authoritarian 91 Putting It All Together: The Participatory Digital Library 92 PHYSICAL ENVIRONMENTS 93 Topical Centers with Curriculum 93 HYBRID ENVIRONMENTS 94 DIFFERENT COMMUNITIES LIBRARIANS SERVE 95 PUBLIC 96 Free Library of Philadelphia 97 Entrepreneurium 98 Writing Center 99 Music Center 100 ACADEMIC 101 Issues of Institutional Repositories 103 Scholarly Communications 104 **GOVERNMENT** 105 Department of Justice 105 ASSESSMENT 106 Mapping Conversations 107 SPECIAL 111 SCHOOL 112 Growing Importance of Two-Way Infrastructure 112 ARCHIVES 113 GO TO THE CONVERSATION 114 Embedded Librarians 114 TRULY DISTRIBUTED DIGITAL LIBRARY 114 THREAD CONCLUSION 115 IMPROVE SOCIETY 117 THE MISSION OF LIBRARIANS IS TO IMPROVE SOCIETY THROUGH FACILITATING **KNOWLEDGE CREATION IN THEIR COMMUNITIES** 117 **IMPORTANCE OF ACTION AND ACTIVISM** 117 SERVICE 118 Service Is Not Invisibility 119 CORE VALUES 119

Learning 120 Openness 121 Intellectual Freedom and Safety 122 Intellectually Honest Not Unbiased 122 Ethics 124 SOCIAL JUSTICE ISSUES 124

POLICY 125 Democracy and Openness Overshadowed by Technology 126 INNOVATION 127 Innovation versus Entrepreneurship 128 CREATING AN AGENDA 129 Risks of Data 131 LEADERSHIP 132 Obligation of Leadership 134 THREAD CONCLUSION 135

LIBRARIANS 137

THE MISSION OF LIBRARIANS IS TO IMPROVE SOCIETY THROUGH FACILITATING KNOWLEDGE CREATION IN THEIR COMMUNITIES 137

CORE SKILLS 137

TRANSITION OF TRADITIONAL SKILLS 137

INFORMATION ORGANIZATION 137

Cataloging Relationships 139 Evolution of Integrated Library Systems 144

INFORMATION SEEKING 153

PUBLIC SERVICE 154

Reference 154

COLLECTION DEVELOPMENT 157

Community as Collection 159 Issues of Institutional Repositories 159

ADMINISTRATION 160

Warehousing Functions 161 Shelving 166 Circulation 166

IMPORTANCE OF TECHNICAL SKILLS 167

AMBIGUITY IS ESSENTIAL FOR PROFESSIONAL WORK 168

ABILITY TO WORK IN INTERDISCIPLINARY TEAMS 170

Relation to Other Domains 170 Information Science 171 Getting Past the L v I Debate 171 Communications 172 Computer Science 174 Humanities 176 Education 176 Paraprofessionals 177 LIS EDUCATION 177 Shift in Innovation from Academy to Ubiquity 178 Co-Learning 179 **INCREASE FRICTION IN THE PROCESS** 179 Every Course Has Symposia and Practica 179 CURRICULUM OF COMMUNICATION AND CHANGE OVER TRADITIONAL IDEAS OF LEADERSHIP 180 Recognize a School as a Participatory Network 181 From School to School of Thought 181 Avoiding the Florentine Dilemma 182 NEED TO EXPAND THE EDUCATIONAL LADDER 183 Bachelor of Information and Instructional Design 183 Need for an Executive Doctorate 184 Institute for Advanced Librarianship Idea 184 Vital Roles of Mentors 185 **OBLIGATION OF LEADERSHIP AND THREAD CONCLUSION** 185 **THREADS POSTSCRIPT** 186 **PRACTITIONERS** 186 LIBRARY AND INFORMATION SCIENCE SCHOLARS 186 STUDENTS 186 MEMBERS 187 THE WHOLE COMMUNITY OF LIBRARIANSHIP 187 WEB CITATIONS 189

AGREEMENT SUPPLEMENTS 193

ABILITY TO WORK IN INTERDISCIPLINARY TEAMS 195

ACADEMIC 197

ACCESS 199

ADMINISTRATION 199

AGREEMENTS 200

AMBIGUITY IS ESSENTIAL FOR PROFESSIONAL WORK 201

ANNOTATIONS 202

APPLICATION BUILDERS 204

ARCHIVES 205	DEATH OF DOCUMENTS 232	
ARTIFACTS 206	DEMOCRACY AND OPENNESS OVERSHADOWED BY TECHNOLOGY 234	
ASSESSMENT 207	DEPARTMENT OF JUSTICE 236	
AUTHORITATIVE VERSUS AUTHORITARIAN 209	DIALECTIC THEORIES 246	
AVOIDING THE FLORENTINE DILEMMA 210	DIFFERENT COMMUNITIES LIBRARIANS SERVE 249	
BACHELOR OF INFORMATION AND INSTRUCTIONAL DESIGN 210	DIGITAL ENVIRONMENTS 250	
BOUNDARY ISSUES 211	EMBEDDED LIBRARIANS 251	
CATALOGING RELATIONSHIPS 212	ENTAILMENT MESH 252	
CIRCULATION 213	ENTREPRENEURIUM 252	
CO-LEARNING 213	ENVIRONMENT 257	
COLLECTION DEVELOPMENT 214	ETHICS 258	
COMMUNICATIONS 214	EVERY COURSE HAS SYMPOSIA AND PRACTICA 261	
COMMUNITY AS COLLECTION 215	EVOLUTION OF INTEGRATED LIBRARY SYSTEMS 261	
COMPUTER SCIENCE 215	EVOLUTION OF SYSTEMS 262	
CONSTRUCTIVISM 216	EVOLUTION OF THE SOCIAL COMPACT 264	
CONVERSANTS 219	EXTRINSIC 266	
CONVERSATION THEORY 220	FREE LIBRARY OF PHILADELPHIA 266	
CORE SKILLS 224	FROM AUTHORITY TO RELIABILITY 267	
CORE VALUES 225	FROM SCHOOL TO SCHOOL OF THOUGHT 267	
CREATING A NEW SOCIAL COMPACE 227	GAMING 268	
CREATING AN AGENDA 229	GETTING PAST THE L V I DEBATE 270	
CREDIBILITY 230	GO TO THE CONVERSATION 270	
URRICULUM OF COMMUNICATION AND CHANGE OVER TRADITIONAL	GOVERNMENT 271	

GROWING IMPORTANCE OF TWO-WAY INFRASTRUCTURE 274

π.

5

ним	ANIT	IES	274

HYBRID ENVIRONMENTS 275

IMPORTANCE OF A WORLDVIEW 276

IMPORTANCE OF ACTION AND ACTIVISM 278

IMPORTANCE OF TECHNICAL SKILLS 280

IMPORTANCE OF THEORY AND DEEP CONCEPTS 281

INCREASE FRICTION IN THE PROCESS 283

INFORMATION ORGANIZATION 283

INFORMATION SCIENCE 284

INFORMATION SEEKING 284

INFORMATION SERVICES 285

INFRASTRUCTURE PROVIDERS 285

INNOVATION 286

INNOVATION VERSUS ENTREPRENEURSHIP 287

INSTITUTE FOR ADVANCED LIBRARIANSHIP IDEA 287

INTELLECTUAL FREEDOM AND SAFETY 295

INTELLECTUALLY HONEST NOT UNBIASED 297

INTERNET MODEL EXAMPLE 297

INTRINSIC 299

INVEST IN TOOLS OF CREATION OVER COLLECTION OF ARTIFACTS 300

ISSUES OF INSTITUTIONAL REPOSITORIES 300

KNOWLEDGE 303

KNOWLEDGE IS CREATED THROUGH CONVERSATION 304

L₁ 305

LANGUAGE 306

LEADERSHIP 309

LEARNING 311

LEARNING THEORY 311

LIBRARIES ARE IN THE KNOWLEDGE BUSINESS, THEREFORE THE CONVERSATION BUSINESS 317

LIBRARY INSTRUCTION 318

LIMITATIONS OF TAGGING 319

LIS EDUCATION 320

LONGITUDE EXAMPLE 321

MAPPING CONVERSATIONS 322

MASSIVE SCALE 322

MEANS OF FACILITATION 329

MEETING SPACES 331

MEMBERS NOT PATRONS OR USERS 333

MEMORY 333

MOTIVATION 334

MOTIVATION THEORY 336

MUSIC CENTER 336

NEED FOR AN EXECUTIVE DOCTORATE 337

NEED FOR AN EXPANDED DEFINITION OF LITERACY 337

NEED TO EXPAND THE EDUCATIONAL LADDER 338

OBLIGATION OF LEADERSHIP 339

L₀ 305

OPEN SOURCE 339 SHELVING 380 **OPENNESS** 340 SHIFT IN INNOVATION FROM ACADEMY TO UBIQUITY 381 PARAPROFESSIONALS 340 SOCIAL JUSTICE ISSUES 382 **PHYSICAL ENVIRONMENTS** 341 SOCIAL LITERACY 386 SOCIAL NETWORK SITES 388 POLICY 342 **POSTMODERNISM** 344 SOURCE AMNESIA 392 PRESSURE FOR PARTICIPATION 346 SPECIAL 394 PUBLIC 347 SYSTEM VIEW 397 **PUBLIC SERVICE** 349 **TCP-IP** 397 THE MISSION OF LIBRARIANS IS TO IMPROVE SOCIETY THROUGH **PUBLISHER OF COMMUNITY** 349 FACILITATING KNOWLEDGE CREATION IN THEIR COMMUNITIES 398 **RECOGNIZE A SCHOOL AS A PARTICIPATORY NETWORK** 350 **TOPICAL CENTERS WITH CURRICULUM** 399 **REFERENCE** 350 TRANSITION OF TRADITIONAL SKILLS 399 **REFERENCE EXTRACT** 351 TRUE FACILITATION MEANS SHARED OWNERSHIP 400 **RELATION TO OTHER DOMAINS** 351 TRULY DISTRIBUTED DIGITAL LIBRARY 401 **RISKS OF DATA** 352 **USER** 401 SCAPES 352 **USER SYSTEMS** 402 SCHOLARLY COMMUNICATIONS 366 USER-BASED DESIGN 403 SCHOOL 368 VITAL ROLES OF MENTORS 404 SCHOOL INFORMATION MANAGEMENT SYSTEMS 371 WAREHOUSING FUNCTIONS 404 **SELECTIVE DISSEMINATION OF INFORMATION** 371 WEB 2.0 405 SENSE-MAKING 372 WRITING CENTER 405 SERVICE 378 ATLAS POSTSCRIPT 407 SERVICE IS NOT INVISIBILITY 379

SHARED SHELVES WITH THE COMMUNITY 379