Contents

Notes on Contributors	viii
Preface Preface	xvii
Part I Infrastructures	1
1 Between Bits and Atoms: Physical Computing and Desktop Fabrication in the Humanities Jentery Sayers, Devon Elliott, Kari Kraus, Bethany Nowviskie, and William J. Turkel	3
2 Embodiment, Entanglement, and Immersion in Digital Cultural Heritage Sarah Kenderdine	22
3 The Internet of Things Finn Arne Jørgensen	42
4 Collaboration and Infrastructure Jennifer Edmond	54
Part II Creation Creation Remarks	67
5 Becoming Interdisciplinary Willard McCarty	69
6 New Media and Modeling: Games and the Digital Humanities Steven E. Jones	84
7 Exploratory Programming in Digital Humanities Pedagogy and Research Nick Montfort	98
8 Making Virtual Worlds Christopher Johanson	110

9	Electronic Literature as Digital Humanities Scott Rettberg	127
10	Social Scholarly Editing Kenneth M. Price	137
11	Digital Methods in the Humanities: Understanding and Describing their Use across the Disciplines Lorna Hughes, Panos Constantopoulos, and Costis Dallas	150
12	Tailoring Access to Content Séamus Lawless, Owen Conlan, and Cormac Hampson	171
13	Ancient Evenings: Retrocomputing in the Digital Humanities Matthew G. Kirschenbaum	185
Pari	t III Analysis	199
14	Mapping the Geospatial Turn Todd Presner and David Shepard	201
15	Music Information Retrieval John Ashley Burgoyne, Ichiro Fujinaga, and J. Stephen Downie	213
16	Data Modeling Julia Flanders and Fotis Jannidis	229
17	Graphical Approaches to the Digital Humanities Johanna Drucker	238
18	Zen and the Art of Linked Data: New Strategies for a Semantic Web of Humanist Knowledge Dominic Oldman, Martin Doerr, and Stefan Gradmann	251
19	Text Analysis and Visualization: Making Meaning Count Stéfan Sinclair and Geoffrey Rockwell	274
20	Text-Mining the Humanities Matthew L. Jockers and Ted Underwood	291
21	Textual Scholarship and Text Encoding Elena Pierazzo	307
22	Digital Materiality Sydney J. Shep	
23	Screwmeneutics and Hermenumericals: The Computationality of Hermeneutics Joris J. van Zundert	331
24	When Texts of Study are Audio Files: Digital Tools for Sound Studies in Digital Humanities Tanya E. Clement	

V11

25	Marking Texts of Many Dimensions Jerome McGann	358
26	Classification and its Structures C. M. Sperberg-McQueen	377
Par	t IV Dissemination	395
27	Interface as Mediating Actor for Collection Access, Text Analysis, and Experimentation Stan Ruecker	397
28	Saving the Bits: Digital Humanities Forever? William Kilbride	408
29	Crowdsourcing in the Digital Humanities Melissa Terras	420
30	Peer Review Kathleen Fitzpatrick	439
31	Hard Constraints: Designing Software in the Digital Humanities Stephen Ramsay	449
Par	t V Past, Present, Future of Digital Humanities	459
32	Beyond the Digital Humanities Center: The Administrative Landscapes of the Digital Humanities Andrew Prescott	461
33	Sorting Out the Digital Humanities Patrik Svensson	476
34	Only Connect: The Globalization of the Digital Humanities Daniel Paul O'Donnell, Katherine L. Walter, Alex Gil, and Neil Fraistat	493
35	Gendering Digital Literary History: What Counts for Digital Humanities Laura C. Mandell	
36	The Promise of the Digital Humanities and the Contested Nature of Digital Scholarship William G. Thomas III	
37	Building Theories or Theories of Building? A Tension at the Heart of Digital Humanities Claire Warwick	538
Inde.	digital curation and preservation, knowledge representation and concepts, ohtology engineering, semantic information access, decision supporx	