1. Record Nr. UNINA9910583472403321

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Titolo	Managing the web of things : linking the real world to the web / / edited by Quan Z. Sheng [and three others]
Pubbl/distr/stampa	Cambridge, Massachusetts : , : Morgan Kaufmann Publishers, , 2017 ©2017
ISBN	0-12-809765-5
Edizione	[First edition.]
Descrizione fisica	1 online resource (484 pages) : illustrations
Disciplina	004.6780151932
Soggetti	Internet of things Artificial intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part 1. Modeling and searching. Ontologies and context modeling for the web of things; The anatomy of an intent based search and crawler engine for the web of things ; Modeling RESTful web of things services ; A semantic-rich approach to IoT the generalized world entities paradigm – Part 2. System building and practices. Building a web of things with avatars ; A WoT testbed for research and course projects ; Using reference architecture for design and evaluation of Web of Things systems ; Efficient and secure pull requests for emergency cases using a mobile access framework – Part 3. Data integration and analytics. Automatic integration and querying of semantic rich heterogeneous data ; Building entity graphs for the web of things management ; Building interoperable and cross-domain semantic web of things applications ; Web of things data storage – Part 4. Applications, security and social impact. WoX: model-driven development of web of things applications ; Security issues of the web of things ; A web of fitness “things”: an exploration of social impacts & vulnerable populations.
Sommario/riassunto	"Managing the Web of Things: Linking the Real World to the Web presents a consolidated and holistic coverage of engineering, management, and analytics of the Internet of Things. The web has gone through many transformations, from traditional linking and sharing of computers and documents (i.e., Web of Data), to the current connection

of people (i.e., Web of People), and to the emerging connection of billions of physical objects (i.e., Web of Things). With increasing numbers of electronic devices and systems providing different services to people, Web of Things applications present numerous challenges to research institutions, companies, governments, international organizations, and others. This book compiles the newest developments and advances in the area of the Web of Things, ranging from modeling, searching, and data analytics, to software building, applications, and social impact. Its coverage will enable effective exploration, understanding, assessment, comparison, and the selection of WoT models, languages, techniques, platforms, and tools. Readers will gain an up-to-date understanding of the Web of Things systems that accelerates their research." -- Publisher's description.