With the purpose of building upon standard web technologies, open linked data serves as a useful way to connect previously unrelated data and to publish structured data on the web. The application of these elements leads to the creation of data commons called semantic web.

Cases on Open-Linked Data and Semantic Web Applications brings together new theories, research findings and case studies which cover the recent developments and approaches towards applied open linked data and semantic web in the context of information systems. By enhancing the understanding of open linked data in business, science and information technologies, this reference source aims to be useful for academics, researchers, and practitioners.

Topics Covered:

- Linked Data on the Web
- RDF Data Model
- Research Objects
- Semantic Web Search Engine (SWSE)
- Semantic Web Standard
- Testing and Debugging Linked Data
- Vocabularies to Represent Information
- Web Architecture
- Web Semantic

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Paredes Luis Polo (Fundación CTIC, Spain)
Aznúa Emilio Rubiera (Fundación CTIC, Spain)
González Alejandro Rodríguez (Centre for Plant Biotechnology and Genomics, Polytechnic University of Madrid, Spain)
Gayo José Emilio Labra (University of Oviedo, Spain)
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User Assisted Creation of Open-Linked Data for Training Web Information Extraction in a Social Network
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Lasek Ivo (Charles University, Czech Republic)
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Siqueira Sean Wolfgang Matsui (Federal University of the State of Rio de Janeiro (UNIRIO), Brazil)
Araújo Lucas de Ramos (Federal University of Juiz de Fora, Brazil)
Melo Rubens Nascimento (Federal University of Juiz de Fora, Brazil)

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Mehlhorn Hendrik (Institute of Plant Genetics and Crop Plant Research, Germany)
Lange Matthias (Institute of Plant Genetics and Crop Plant Research, Germany)
Schreiber Falk (Institute for Plant Genetics and Crop Plant Research, Germany & Martin Luther University, Germany)

Chapter 5
Role of Vocabularies for Semantic Interoperability in Enabling the Linked Open Data Publishing
Morshed Ahsan (United Nations, Italy)

Chapter 6
Enabling the Matchmaking of Organizations and Public Procurement Notices by Means of Linked Open Data
Rodríguez Jose María Alvarez (University of Oviedo, Spain)
Gayo José Emilio Labra (University of Oviedo, Spain)
Ordoñez de Pablos Patricia (University of Oviedo, Spain)

Chapter 7
A Semantic Framework for Touristic Information Systems
Lima Salvador (Politecnico de Viana do Castelo, Portugal)
Moreira José (Universidade de Aveiro, Portugal)

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Semi-Automatic Knowledge Extraction to Enrich Open Linked Data
Buralis Elena (Politecnico di Torino, Italy)
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Variables Performance for E-Services Acceptance:
Sandhu Kamaljeet (University of New England, Australia)

Chapter 10
News Trends Processing Using Open Linked Data
Garrote Antonio (Universidad de Salamanca, Spain)
García María N. Moreno (Universidad de Salamanca, Spain)

Chapter 11
Publishing Statistical Data following the Linked Open Data Principles:
Rodríguez Jose María Alvarez (University of Oviedo, Spain)
Climent Jules (World Wide Web Foundation, Switzerland)
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