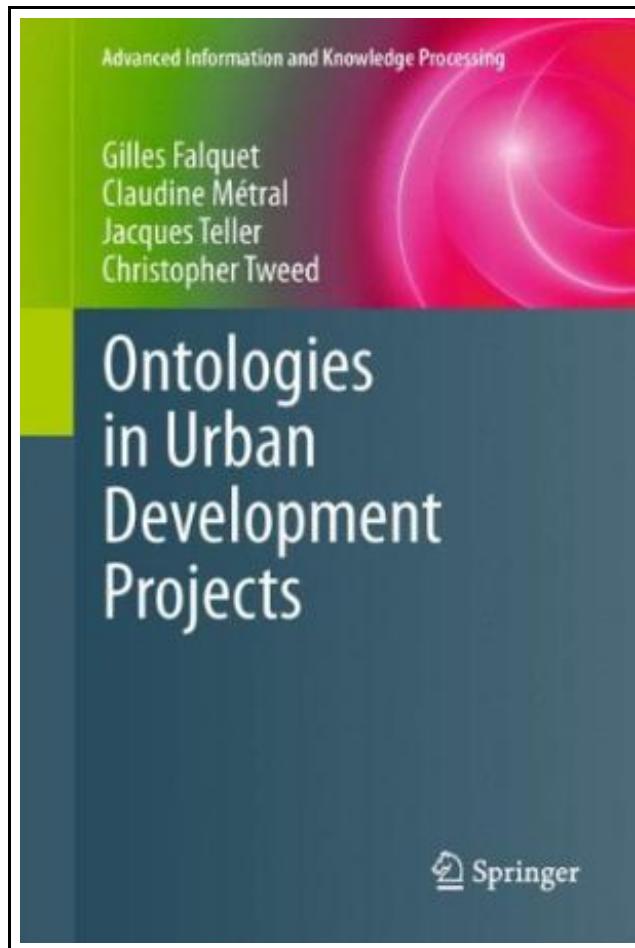


## Ontologies in Urban Development Projects



Filesize: 1.87 MB

### Reviews

*Totally among the best ebook I actually have ever go through. It is probably the most awesome ebook we have go through. You can expect to like just how the blogger publish this ebook.*  
*(Emiliano Murphy)*

## ONTOLOGIES IN URBAN DEVELOPMENT PROJECTS

[DOWNLOAD](#)

To save **Ontologies in Urban Development Projects** PDF, remember to refer to the button under and save the file or have access to additional information which might be in conjunction with ONTOLOGIES IN URBAN DEVELOPMENT PROJECTS ebook.

Springer London Ltd. Hardcover. Book Condition: New. Hardcover. 243 pages. Dimensions: 9.2in. x 6.3in. x 0.8in. Ontologies are increasingly recognized as essential tools in information science. Although the concepts are well understood theoretically, the practical implementation of ontologies remains challenging. In this book, researchers in computer science, information systems, ontology engineering, urban planning and design, civil and building engineering, and architecture present an interdisciplinary study of ontology engineering and its application in urban development projects. The first part of the book introduces the general notion of ontology, describing variations in abstraction level, coverage, and formality. It also discusses the use of ontologies to achieve interoperability, and to represent multiple points of view and multilingualism. This is illustrated with examples from the urban domain. The second part is specific to urban development. It covers spatial and geographical knowledge representation, the creation of urban ontologies from various knowledge sources, the interconnection of urban models and the interaction between standards and domain models. The third part presents case studies of the development of ontologies for urban mobility, urban morphological processes, road systems, and cultural heritage. Other cases report on the use of ontologies to solve urban development problems, in construction business models, building regulations and urban regeneration. It concludes with a discussion of key challenges for the future deployment of ontologies in this domain. This book bridges the gap between urban practitioners and computer scientists. As the essence of most urban projects lies in making connections between worldviews, ontology development has an important role to play, in promoting interoperability between data sources, both formal (urban databases, Building Integrated Models, Geographical Information Systems etc.) and less formal (thesauri, text records, web sources etc.). This volume offers a comprehensive introduction to ontology engineering for urban development. It is essential reading for practitioners and...

[Read Ontologies in Urban Development Projects Online](#)[Download PDF Ontologies in Urban Development Projects](#)

## You May Also Like

---



### [PDF] Scala in Depth

Click the hyperlink beneath to download and read "Scala in Depth" PDF file.

[Read Book »](#)

---



### [PDF] Silverlight 5 in Action

Click the hyperlink beneath to download and read "Silverlight 5 in Action" PDF file.

[Read Book »](#)

---



### [PDF] DK Readers Plants Bite Back Level 3 Reading Alone

Click the hyperlink beneath to download and read "DK Readers Plants Bite Back Level 3 Reading Alone" PDF file.

[Read Book »](#)

---



### [PDF] The Poems and Prose of Ernest Dowson

Click the hyperlink beneath to download and read "The Poems and Prose of Ernest Dowson" PDF file.

[Read Book »](#)

---



### [PDF] Shepherds Hey, Bfms 16: Study Score

Click the hyperlink beneath to download and read "Shepherds Hey, Bfms 16: Study Score" PDF file.

[Read Book »](#)

---



### [PDF] DK Readers Animal Hospital Level 2 Beginning to Read Alone

Click the hyperlink beneath to download and read "DK Readers Animal Hospital Level 2 Beginning to Read Alone" PDF file.

[Read Book »](#)