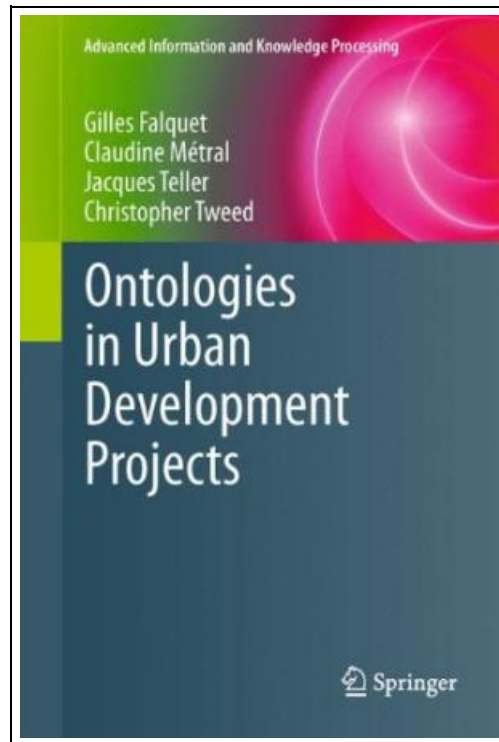


Ontologies in Urban Development Projects



Filesize: 3.81 MB

Reviews

I just started off reading this article ebook. It is actually written in basic words and not confusing. I am just very happy to let you know that this is the best ebook I actually have read through inside my individual daily life and can be the finest ebook for possibly.
(Dayne Johns)

ONTOLOGIES IN URBAN DEVELOPMENT PROJECTS



To download **Ontologies in Urban Development Projects** eBook, please follow the hyperlink under and save the ebook or get access to other information which might be relevant to ONTOLOGIES IN URBAN DEVELOPMENT PROJECTS book.

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](#)

Relevant Books

**[PDF] Scala in Depth**

Click the link beneath to read "Scala in Depth" document.

[Download PDF](#)

»

**[PDF] Silverlight 5 in Action**

Click the link beneath to read "Silverlight 5 in Action" document.

[Download PDF](#)

»

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

Click the link beneath to read "DK Readers Plants Bite Back Level 3 Reading Alone" document.

[Download PDF](#)

»

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

Click the link beneath to read "The Poems and Prose of Ernest Dowson" document.

[Download PDF](#)

»

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

Click the link beneath to read "DK Readers Animal Hospital Level 2 Beginning to Read Alone" document.

[Download PDF](#)

»

**[PDF] Molly on the Shore, BFMS 1 Study score**

Click the link beneath to read "Molly on the Shore, BFMS 1 Study score" document.

[Download PDF](#)

»