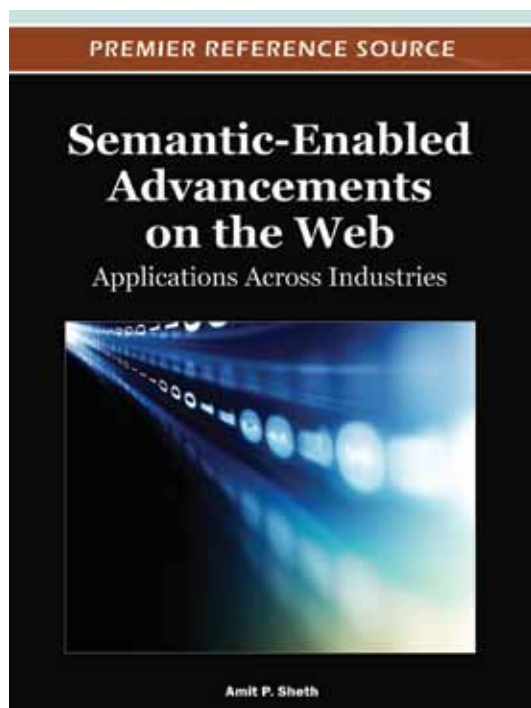


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Semantic-Enabled Advancements on the Web: Applications Across Industries



Amit Sheth
(Kno.e.sis Center, Wright State University, USA)

The body of research in all aspects of Semantic Web development, design, and application continues to grow alongside new trends in the information systems community.

Semantic-Enabled Advancements on the Web: Applications Across Industries reviews current and future trends in Semantic Web research with the aim of making existing and potential applications more accessible to a broader community of academics, practitioners, and industry professionals. Covering topics including recommendation systems, semantic search, and ontologies, this reference is a valuable contribution to the existing literature in this discipline.

Topics Covered:

- Context Modeling and Management
- Folksonomy-Based Content Retrieval
- Interactive TV
- Music Retrieval and Recommendation
- Natural Language for Semantic Annotation
- Ontology-Enhanced User Interfaces
- Reengineering Non-Ontological Resources
- Semantic Search on Unstructured Data
- Semantic Web Data Management
- Semantic Web Tools

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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Amit Sheth is an educator, researcher, and entrepreneur. He is a LexisNexis Eminent Scholar (an endowed faculty position, funded by LexisNexis and the Ohio Board of Regents) at Wright State University. He directs the Kno.e.sis center for Knowledge enabled Information & Services Science; which conducts research in Semantic Web, services computing and scientific workflows. He was a professor at the University of Georgia where he founded and directed the LSDIS Lab. Prior to that, he served in R&D groups at Bellcore, Unisys and Honeywell. His research has led to several commercial products and two companies which he founded and managed in various executive roles: Infocosm, which had products in enterprise workflow management and Taalee/Voquette/Semagix, which was one of the earliest companies with Semantic Web applications and application development platforms. Professor Sheth is an IEEE Fellow and has received recognitions such as the IBM Faculty award. He has published over 250 papers and articles many of which are highly cited (h-index > 54 based on Google scholar citations), given over 200 invited talks and colloquia including over thirty keynotes, (co)-organized/chaired forty-five conferences/workshops and served on over 125 program committees. He is on several journal editorial boards, is the Editor-in-Chief of the *International Journal on Semantic Web and Information Systems (IJSWIS)* and the joint-EIC of *Distributed & Parallel Databases Journal*.

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