Semantic Web and Peer-to-Peer: Decentralized Management and Exchange of Knowledge and Information PDF
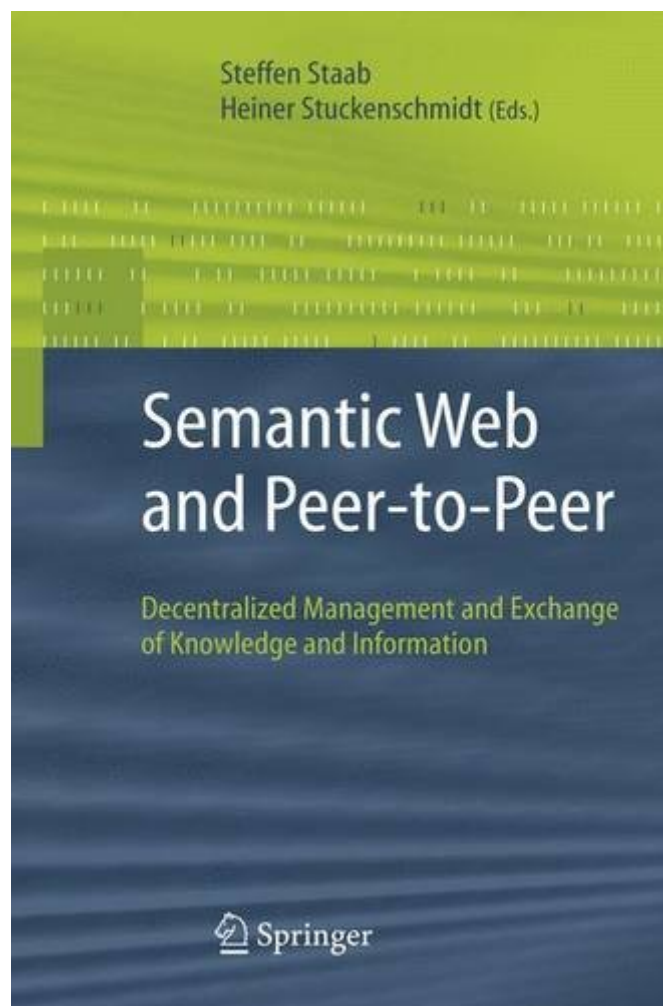

Semantic Web and Peer-to-Peer: Decentralized Management and Exchange of Knowledge and Information by ISBN 3540283463

Just like the industrial society of the last century depended on natural resources, today's society depends on information and its exchange.

Staab and Stuckenschmidt structured the selected contributions into four parts: Part I, "Data Storage and Access", prepares the semantic foundation, i.e. data modelling and querying in a flexible and yet scalable manner. These foundations allow for dealing with the organization of

information at the individual peers. Part II, "Querying the Network", considers the routing of queries, as well as continuous queries and personalized queries under the conditions of the permanently changing topological structure of a peer-to-peer network. Part III, "Semantic Integration", deals with the mapping of heterogeneous data representations. Finally Part IV, "Methodology and Systems", reports experiences from case studies and sample applications.

The overall result is a state-of-the-art description of the potential of Semantic Web and peer-to-peer technologies for information sharing and knowledge management when applied jointly.

Semantic Web and Peer-to-Peer: Decentralized Management and Exchange of Knowledge and Information Review

This Semantic Web and Peer-to-Peer: Decentralized Management and Exchange of Knowledge and Information book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Semantic Web and Peer-to-Peer: Decentralized Management and Exchange of Knowledge and Information without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Semantic Web and Peer-to-Peer: Decentralized Management and Exchange of Knowledge and Information can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Semantic Web and Peer-to-Peer: Decentralized Management and Exchange of Knowledge and Information having great arrangement in word and layout, so you will not really feel uninterested in reading.