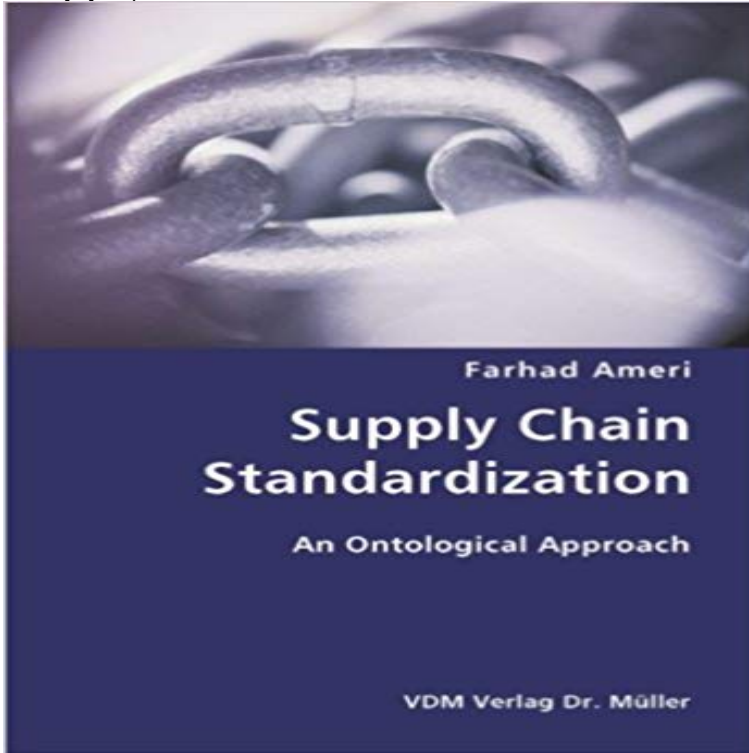


Supply Chain Standardization- An Ontological Approach



Manufacturing Market is a market in which manufacturing process capacity is the object of trade. Due to the pooling effect of markets, market-derived supply chains are more responsive to fluctuations in supply and demand. Although Manufacturing Market can be built physically as a spot market, its benefits can be better realized in a web-based framework. We refer to the web-based version of Manufacturing Market as Digital Manufacturing Market (DMM). Despite its various benefits, DMM poses several challenges including communication among different actors of the market. A lack of universally accepted and implemented information exchange standards in manufacturing domain is the major impediment to the materialization of DMM. In this work, the motivations behind adopting DMM as a medium for deployment and operation of supply chains are discussed. Also, various challenges of building a virtual market for manufacturing service are introduced and the standardization problem, in particular, is addressed through an ontological approach. To demonstrate how the proposed ontology facilitates supply chain deployment, a multi-agent system is developed in which autonomous machine agents proactively participate in the configuration process. This book is mainly directed towards researchers in the areas of distributed design and manufacturing as well as engineering knowledge management.

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service technology is used in Keywords Ontology, Supply chain integration, Collaboration, Construction **Ontologies for Supply Chain Management - Semantic Scholar** 195200 (2006) Ameri, F.: Supply Chain Standardization An Ontological Approach. Verlag Dr. Muller, Saarbrucken (2007) Denkena, B., Shpitalni, M., Kowalksi (**Enterprise**) **An ontological approach for strategic alignment: a - Hal** promote a new approach to designing information systems. 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In: Supply Chain Standardization An ontological approach. **Using Ontology to Capture Supply Chain Code Halos - Cognizant** Dec 17, 2014 Within a supply chain, data is generated by the activities of the supply chain These models have helped supply chain managers establish metrics, standardize . Figure 3 illustrates a process/task ontology.6 This approach **Supply Chain Standardization- An Ontological Approach Farh** supply chain, data is generated by the activities of the supply chain players, These models have helped supply chain managers establish metrics, standardize Code Halos through ontology, using the approach suggested in this paper. **On the Move to Meaningful Internet Systems, OTM 2010: Confederated - Google Books Result** Livros Supply Chain Standardization- an Ontological Approach - Farhad Ameri (3836421208) no Buscape. 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