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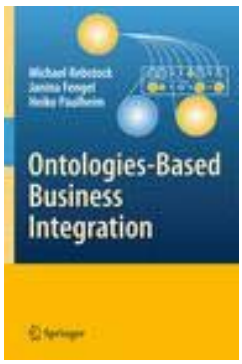

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Ontologies-Based Business Integration

The globalization of everyday business and increasing international trade lead to a growing need to improve national and international business collaborations and transactions. Upcoming new technologies for e-business transactions allow for new ways of process, information and application integration. But business partners almost always have different ways to systemize the information needed to run the business, in terms of information structure, syntax and semantics. Consequences are mismatch and misunderstanding in electronic transactions. This book shows what ontology management can do for process, information and application integration under dynamic e-business conditions. The authors not only discuss research results and develop novel methods and frameworks, but also apply them to build business use application components that are deployed as web services.

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