

# 第109回知的コミュニティ基盤研究センター 研究談話会

## Metadata ontology for web-based information management in e-marketplaces

Recently, ontologies have been developed in various business domains with the recent maturing of the Semantic Web technologies. However, ontology-related researches have largely focused on the facilitation of successful matchmaking but not much on traders' requirement elicitation and potential negotiations in e-marketplaces. Because ontology provides the key knowledge about the inter-relationships among the issues and alternatives of the traders' requirements, we show how to elicit trade requirements, alternatives, and tradeoff from an agreed ontology. This facilitates the whole business process of the e-marketplace, from matchmaking, recommendation, to negotiation. We further propose a novel methodology for the elicitation of dependencies among traders' requirements for the formulation of an effective decision plan. As a result, traders can have a better cognition of their requirements and the overall operations of the e-marketplace can be streamlined. In this talk, I shall also introduce our recent applications of this approach in some other web-based e-business applications like e-tourism and digital TV.



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場所:筑波大学 筑波キャンパス春日エリア  
7B棟3階 310大会議室

筑波大学知的コミュニティ基盤研究センター

学生, 教員, 一般, 学内外を問わずどなたでもご自由に参加ください。

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