Tutorial Session 2

State of the Art in Modeling and Deployment of Electronic Contracts

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Abstract

Modeling and deployment of e-contracts is a challenging task because of the involvement of both technological and business aspects. There are several frameworks and systems available in the literature. Some works mainly deal with the automatic handling of paper contracts and others provide monitoring and enactment of contracts. Because contracts evolve, it is useful to have a system that models and enacts the evolution of e-contracts.

This tutorial highlights the intrinsic details in developing e-contract systems and provides the concepts and technologies that address the e-contracts modeling and enactment.

The objective is to bring into focus recent work in e-contracts and list out very many interesting problems that need to be resolved. E-contract deployment is just in the verge of large-scale usage by organizations, so this tutorial helps bring the necessary background and prepare participants to understand concepts and issues related to e-contracts — their modeling and deployment.

About the Presenters

Kamal Karlapalem (kamal AT iiit.ac.in) is a Professor at International Institute of Information Technology (IIIT), Hyderabad, India. He received his PhD in 1992 from College of Computing, Georgia Tech. Prior to joining IIIT he was Associate Professor at Department of Computer Science, Hong Kong University of Science and Technology. He has been working in the areas of workflow management systems (WFMS) dealing with frameworks for building WFMSs, meta-modeling issues, support for handling exceptions in WFMSs, and security aspects of WFMSs. Currently, his research interest is to model and deploy electronic contracts derived from contract documents.

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