Kolloquiumsvortrag

Fakultät Wirtschaftsinformatik und Angewandte Informatik

Donnerstag, 31. Mai 2012 , 18 Uhr ct., F384

Business Process Management: Abstraction, Consistency, Compliance

Prof. Dr. rer. nat. habil. Mathias Weske, Business Process Technology Group, Hasso-Plattner Institut, Potsdam

Business process models are the basis for understanding, improving and implementing working procedures in organizations. In this talk, current research areas of the BPT group are discussed. *Abstraction* is based on the understanding that multiple models can describe one business process from different angles and that abstract models can be derived from detailed ones. *Consistency* between process models has traditionally relied on behavioral equivalence notions. If models share complex, non-hierarchical relationships, these notions fall short of providing useful results. Therefore an approach based on behavioral profiles will be sketched. Finally, *compliance* looks at domain-specific properties of process models rather than on generic properties such as soundness. The talk will be concluded by an approach to increase end-user involvement in business process elicitation.