

Process model management and analytics

Invited Talk

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ABSTRACT

In this presentation I will give an overview of my past 10+ years research on business process modeling and model management. The presentation will first focus on different aspects related to the adaptation and evolution of process models as well as the management of process model repositories (i.e., large process models and process model collections) covering process model refactoring as well as variability. I will then turn to research on the process of process modeling that focusses on analyzing the modeling process in addition to the resulting artifacts including the evolution of the modeling artifact over time. Finally, the presentation will turn to model analytics conducted online as for example needed for the creation of personalized modeling environments or even neuro-adaptive modeling environments.