

PUBLICATION INTERNE

TOWARD A CONTEXT-AWARE PROCESS MODEL REPOSITORY

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Juin 2022

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Résumé :

Many challenges are facing the enterprises in constantly changing business environment. This requires them to continually consider the context(s) in which they operate to better respond to the challenges they face. Business Process Management (BPM) has become an important approach to create efficient business processes (BPs) that can evolve quickly to adapt to a rapidly changing business environment. Reuse of already designed BP models can improve the agility of defined BPs to tackle new problems arising in today's rapid changing business environment. Involving context in current process model repositories is real challenge. In this paper, we propose an architecture for a context-aware process model repository to improve BP models reuse and better respond to its stakeholders' expectations; we present also a comparative study between the different context aware BPM approaches, in addition to the contextual factors influencing the reuse of BPs models in current process model repositories.

Mots clés :

BP Model reuse, Context-aware BPM, business context, context awareness, Process model repository, Architecture, Contextual factors.

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