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# Business Processes Meet Spatial Concerns: the sBPMN Verification Framework

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## Résumé

BPMN is the standard for business process modeling. It includes a rich set of constructs for control-flow, inter-process communication, and time-related concerns. However, spatial concerns are left apart while being essential to several application domains. We propose a comprehensive extension of BPMN to deal with this. Our proposal includes an integrated notation, a first-order logic semantics of the extension, and tool-supported verification means through the implementation of the semantics in TLA . Our tool support and our model database are open source and freely available online.

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