Using Process Maps for Simulation Modelling in Business Process Change Projects

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Abstract

There are several techniques and tools that attempt to effectively represent different modelling perspectives according to business process modelling purpose and goals. One of widely used techniques for process modelling is process maps. The technique is based on flowcharts and one of its most important advantages, that is extremely important in early phases of business process change projects, is that models are easily understandable to all members of a project group. It is believed that this technique can provide only basic facilities in representing processes and is inappropriate for simulation. The main objective of this paper is to show that process maps have all elements required for simulation and that they have some other benefits, very important for business process renovation, that are discussed in the paper.

Keywords: business process simulation modelling, modelling technique, process maps, business process change, business process renovation

Biographies

Ales Popovic, M Sc., is an assistant lecturer for Information Management at Faculty of Economics, University of Ljubljana, Slovenia. His pedagogical work in the past five years was oriented mainly in preparing and performing computer workshops (lab lectures) for undergraduate business students. His main research interest is concentrated around the question of influence of contemporary Information Technologies and Information Management as a whole on (better) business performance. Topics of interest in view of that include business informatization, business process modeling, business process simulation, e-learning, and education in the field.

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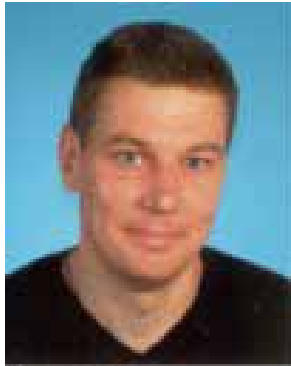
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