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Title

Comparative Analysis of Business Process Modelling Tools for Compliance Management Support (Koncevics et al. (2017))

Abstract

The paper presents results of the comparative analysis of business process modelling tools for supporting automated compliance management in organisations. By **compliance** in the paper we mean compliance to legislation, **regulations** of municipalities, external regulatory requirements and also internal organisational policies. The goal of the research is (1) to identify main attributes of business process modelling tools relevant in compliance management, and (2) to use the identified attributes for analysis of the tools to better understand the scope of their capability to support compliance management. The attributes of the tools have been derived from the related research. The analysis of the tools has been performed by installing each tool and evaluating it against a set of the identified attributes. The obtained results are useful in choosing the tools for compliance management in general and for open source solutions to develop new compliance management tools in particular.

Keywords

Business process compliance, compliance management, compliance management tools, open source business process modelling tools

Koncevics, Rolands, Ludmila Penicina, Andrejs Gaidukovs, Maris Dargis, Rita Burbo, and Ainars Auzins. 2017. “Comparative Analysis of Business Process Modelling Tools for Compliance Management Support.” *Appl. Comput. Syst.* 21 (1): 22–27. <https://doi.org/10.1515/ACSS-2017-0003>.