

Bridging the Gap between Different Interfaces for Business Process Modeling

Authors : Katalina Grigorova, Kaloyan Mironov

Abstract : The paper focuses on the benefits of business process modeling. Although this discipline is developing for many years, there is still necessity of creating new opportunities to meet the ever-increasing users' needs. Because one of these needs is related to the conversion of business process models from one standard to another, the authors have developed a converter between BPMN and EPC standards using workflow patterns as intermediate tool. Nowadays there are too many systems for business process modeling. The variety of output formats is almost the same as the systems themselves. This diversity additionally hampers the conversion of the models. The presented study is aimed at discussing problems due to differences in the output formats of various modeling environments.

Keywords : business process modeling, business process modeling standards, workflow patterns, converting models

Conference Title : ICSEIT 2015 : International Conference on Software Engineering and Information Technology

Conference Location : Istanbul, Türkiye

Conference Dates : December 21-22, 2015