Association for Information Systems
AIS Electronic Library (AISeL)

AMCIS 2012 Proceedings

Proceedings

Modeling of cooperative tasks in Business-IT management – A proposal for a domain-specific extension of BPMN 2.0

Marcel Morisse
Department of Informatics, University of Hamburg, Hamburg, Germany., morisse@informatik.uni-hamburg.de

Hennes Schäfer
Department of Informatics, University of Hamburg, Hamburg, Germany., hennes.schaefer@informatik.uni-hamburg.de

Paul Drews
Department of Informatics, University of Hamburg, Hamburg, Germany., drews@informatik.uni-hamburg.de

Follow this and additional works at: http://aisel.aisnet.org/amcis2012

Modeling of cooperative tasks in Business-IT management – A proposal for a domain-specific extension of BPMN 2.0

Marcel Morisse
Department of Informatics
University of Hamburg
marcel.morisse@informatik.uni-hamburg.de

Hennes Schäfer
Department of Informatics
University of Hamburg
hennes.schaefer@informatik.uni-hamburg.de

Paul Drews
Department of Informatics
University of Hamburg
paul.drews@informatik.uni-hamburg.de

ABSTRACT

The increasing influence of information technology in enterprises expands the demand for closer coordination and cooperation between business and IT. In a qualitative survey study we researched the relationship between IT strategy development, IT project portfolio and enterprise architecture management as well as relations between business and IT. As result a Business-IT management reference process model based on the Business Process Model and Notation (BPMN) 2.0 was developed. During the research process it became evident that visualization of coordination and cooperation within business processes needs to be improved gaining higher readability and intelligibility. Based on these requirements we present in this paper five domain-specific tasks and a new marker for BMPN 2.0, which are able to visualize coordination-specific tasks in processes. The proposed extension will be linked to theoretical concepts about cooperation. Two exemplary processes (developing an IT strategy and filtering of relevant IT projects) will illustrate the usefulness and higher readability of the new types and marker.

Keywords

Business-IT management, reference processes, formal cooperation, informal cooperation, conflicts, publication of results, expert consultation, business processes, BPMN