Bimloq

Business Models Optimization for Quality (BIMLOQ)

- MNiSW Research Grant no. N516 422338 🗵
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- Timeline: 2010-05→2012-12
- Duration: 32 months

Motivation

The main aim of Business Models Optimization for Quality (BIMLOQ) is to build a declarative model for business processes, including business rules specification, with an emphasis on analysis and optimization of those processes.

- **Semantic:** lack of a common ontology, lack of unified semantics, difficult unambiguous logical representation.
- **Functional:** aims and tasks in the business logic layer cannot be mapped to logical quality assessment methods.
- **Technical:** technologies used in the visual design layer are incompatible with the declarative logical representation.

Intended results

- Conceptual: declarative model for logical business process representation and analysis.
- Practical:
 - new tools for analysis and optimisation of specification quality,
 - \circ integration of visual BPMN tools and logical knowledge processing.
- Evaluative: modeling and analysis of real-life application use cases.

Expected benefits:

- Real-time quality assessment during development.
- Maintainability assurance.
- Formal analysis of business software quality.
- High adaptability in dynamic environments.

Publications

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News

• **14.04.2011** *The BIMLOQ Project Overview* presentation during the Explicite Seminar (more on the Explicite website) presentation.pdf

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