2025/11/04 01:31 1/2 Bimlog

# **Bimloq**

**Business Models Optimization for Quality (BIMLOQ)** 

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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,
  - 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**

<BIBTEX: file=bimloq>

#### Last update: 2013/01/18 12:27

- → Return to all publications
- → Return to BIMLOQ page.

# **News**

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

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Go back to → projects

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