2025/10/30 15:07 1/2 bimlog

# **Bimloq**

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

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- Start time:
- Duration:
- Budget:

# **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.

### News

• 14.04.2011 The BIMLOQ Project Overview presentation during the Explicite Seminar (more on

#### Last update: 2013/01/02 13:49

# the Explicite website) presentation.pdf

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