2025/08/29 04:19 1/2 bimlog

# **Bimloq**

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

- MNiSW Research Grant no. N516 422338
- Project Manager: prof. dr hab. inż. Antoni Ligęza
- Project Coordinator: dr hab. inż. Grzegorz J. Nalepa
- 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 the Explicite website) presentation.pdf

Last update: 2013/01/02 13:44

project current\_project

Go back to → projects

From:

https://www.geist.re/ - GEIST Research Group

Permanent link:

https://www.geist.re/pub:projects:bimloq?rev=1357134273

Last update: 2013/01/02 13:44



https://www.geist.re/ Printed on 2025/08/29 04:19