

# 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

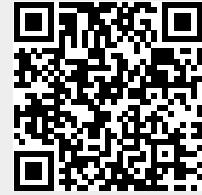
- **14.04.2011** *The BIMLOQ Project Overview* presentation during the Explicite Seminar ([more on](#)

[the Explicite website](#)) presentation.pdf

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=1357134592>

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