2025/10/30 15:07 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: 04.2010Duration: 32 monthsBudget: 397 600 PLN

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: 2013/01/04 10:57

the Explicite website) presentation.pdf

project current_project

Go back to → projects

From:

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

Permanent link:

https://geist.re/pub:projects:bimloq?rev=1357297055

Last update: 2013/01/04 10:57



https://geist.re/ Printed on 2025/10/30 15:07