2025/11/01 21:58 1/2 Bimloq

Bimloq

Business Models Optimization for Quality (BIMLOQ)

• MNiSW Research Grant no. N516 422338 🗷

• Project Leader: prof. dr hab. inż. Antoni Ligęza

• Project Coordinator: dr hab. inż. Grzegorz J. Nalepa

• 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.

News

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

Last update: 2013/03/01 10:19

Publications

<BIBTEX: file=bimloq>

Tools

0.1 BPMN to XTT Translator

0.2 Oryx-HQEd

0.3 Loki

0.4 HeaRT in Wiki

0.5 Pellet-HeaRT

0.6 SEWiki

Cases

project completed_project

Go back to → projects

From:

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

Permanent link:

https://geist.re/pub:projects:bimloq:start?rev=1362133153

Last update: 2013/03/01 10:19



https://geist.re/ Printed on 2025/11/01 21:58