2025/10/30 15:44 1/2 bimlog

Bimloq

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.

Description

Motivation

- **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.

Problem statement

Expected benefits

- Real-time quality assessment during development.
- Maintainability assurance.
- Formal analysis of business software quality.
- High adaptability in dynamic environments.

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.

News

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

Comments

Last update: 2011/04/18 07:32

project current_project

Go back to → projects

From:

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

Permanent link:

https://geist.re/pub:projects:bimloq?rev=1303111921

Last update: 2011/04/18 07:32



https://geist.re/ Printed on 2025/10/30 15:44