GEIST Research Projects

The group has been involved in number of research projects.

Current projects

- **Prosecco**
- **SaMURaI**
- **HiBuProBuRul**
- **INDECT**

Completed projects

- **Parnas**, 18 month long NCN project on *tools for inference control and quality analysis in modularized rulebases*, see the project webpage at: parnas.ia.agh.edu.pl
- **BIMLOQ**, 32 month long NCN project on *business models and processes optimization for quality*, see the project webpage at: bimloq.ia.agh.edu.pl
- **HeKatE**, 30 month long NCN project on *hybrid knowledge engineering methodology for knowledge-based systems*, see the project webpage at: hekate.ia.agh.edu.pl

Past projects

The members of the group were involved in several projects. Selected projects include:

Adder

ID: KBN 4 T11C 035 2
Timeline: 2005→2006
Leader: Tomasz Szmuc
Principal investigators from GEIST: Marcin Szpyrka, Antoni Ligęza, Grzegorz J. Nalepa
Objective: research on formal methods in design of correct real-time and embedded systems, including rule-based systems
GEIST members' contribution: methods and tools for design and analysis of rule-based security systems
Adder webpage: home.agh.edu.pl/~adder

Mirella

ID: KBN 4 T11C 027 24
Timeline: 2003→2004
Scientific adviser: Antoni Ligęza
Principal investigator: Grzegorz J. Nalepa

Objective: proposal of an integrated process of visual design, formal analysis and implementation of rule-based expert systems, supported by a CASE tool, preparation of a PhD thesis: Meta-Level Approach to Integrated Process of Design and Implementation of Rule-Based Systems
Mirella webpage: mirella.ia.agh.edu.pl

Regulus

ID: KBN 8 T11C 019 17
Timeline: 1999→2001
Leader: Antoni Ligęza
Principal investigators from GEIST: Antoni Ligęza, Grzegorz J. Nalepa
Objective: development of formal methods for knowledge representation and engineering in artificial intelligence
Regulus webpage: regulus.ia.agh.edu.pl

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