ADORA - Semiformal Object-Oriented Specification

Summary / Zusammenfassung

The world of object-oriented modeling languages is currently dominated by UML. However, UML (as well as other, previous approaches) has major weaknesses and deficiencies. We have developed ADORA (analysis and description of requirements and architectures), a language and a tool aiming at overcoming these weaknesses.

The basic idea of ADORA is to model the aspects of data, functionality and behavior in a single hierarchical object framework. Modeling is based on prototypical objects instead of classes. ADORA also tries to integrate an object modeling approach with scenarios that specify the user-system interaction. A special focus is laid on scalability: both the level of detail being visualized and the degree of formality used in the models are scalable. The ADORA tool exploits a novel way of visualizing hierarchical model structures.

From 1994 to 2007, a part of the ADORA development effort was funded by the Swiss National Science Foundation under the project names LATO (Language and tool for object-oriented, semiformal requirements specification) and AVISSIMO (Combining Aspect-Oriented Visualization and Animated Simulation for the Validation of Partial, Semi-Formal Requirements Models).

The SPREBA project (funded by the Swiss National Science Foundation) exploits both the hierarchical structure and the aspect modeling capabilities of ADORA for software product line modeling.

Weitere Informationen unter www.ifi.uzh.ch/erg/research/projects/adora/

Publications / Publikationen


Weitere Informationen unter http://www.ifi.uzh.ch/rerg/publications/

Keywords / Suchbegriffe
ADORA, requirements specification, requirements modeling specification, object-orientation

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Other Links to external Webpages / Andere Links zu externen Webseiten
http://www.ifi.uzh.ch/rerg

Funding Source(s) / Unterstützt durch
Universität Zürich (position pursuing an academic career), SNF (Personen- und Projektförderung)

Duration of Project / Projektdauer
Nov 1994 to Aug 2017