Ameos™ — The Next Generation Modeling Tool

UML is well accepted in the market and widely used. Nevertheless most software projects still fall short of expectations. According to the latest Chaos Report, in 2002 only 23% of software development projects were finished successfully. Therefore it is time for the next generation of modeling tools and it is high time for Ameos.

Ameos combines UML 2.0 Profile support, MDA based Model Transformation and the usage of color in a unique fashion. This ensures a higher level of abstraction in the models and target-independent modeling.

UML Support -
By implementing the current UML® standard Ameos can be used to describe business processes, to design architectures for software systems and to model dynamic aspects in State Machines with hard timing constraints.

Ameos Profile Editor allows stereotypes and tagged values to be defined and assigned to model elements of the UML Metamodel, ensuring that profiles are well designed, documented and easy to use for the entire project team. Ameos offers predefined Real-Time profiles and solutions to address the modeling needs of specific industries including Automotive, Telecom, and Avionics.

Color to visualize Semantics -
Within Ameos, color can be assigned to UML Profiles and to Model Elements. Wherever such a Model Element is referenced, it shows up in the assigned color. This usage of color on a semantic level, results in UML models which are far easier to read.

Unique Methodology Support:
- UML 2.0 Profiles—Adapt UML to project-specific needs by modeling your own Profiles
- Color to visualize Semantics—Assign color to Profiles or Model Elements to visualize special semantics

Key Features
- Adaptable and customizable open-architecture development environment
- Highly-scalable—Industrial-strength Model Repository supports multiple users and efficient, real-time team collaboration
- Model Management capabilities for distributed and collaborative development
- Pre-defined UML® profiles for the generation of C, C++, Ada95, Java™, CORBA®, COM, EJB
- OMG XMI support for model import / export and tool-to-tool integration
- Integration with 3rd Party Products

Platform Support:
- Windows 2000 / XP
- Solaris
- Linux

Making Ideas a Reality
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