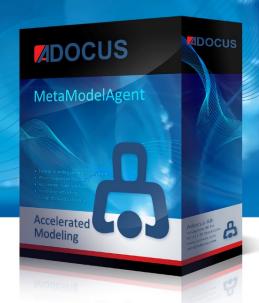# MetaModelAgent

for IBM® Rational® Software Architect and Papyrus UML
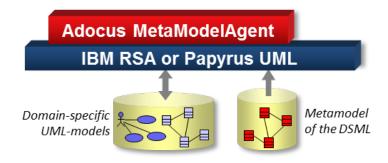
Accelerated Modeling

Challenges within modeling

UML has evolved into a comprehensive and versatile modeling language. To enhance productivity, UML is adapted to specific needs through UML profiles and UML modeling guideline. The adaptation is known as a *Domain-Specific Modeling Language* (DSML).

IBM Rational Software Architect (RSA) and Papyrus UML are two sophisticated UML modeling tools with extensive built-in support for DSML customization. The tasks of implementing and maintaining efficient DSML customizations are however time-consuming and require both tool specialists and domain experts.

In effect, developers are left with a sub-optimal modeling tool that impairs productivity and increases the risk of developing incorrect models.

The MetaModelAgent Accelerator

MetaModelAgent accelerates the implementation and simplifies the use of UML-based DSMLs with RSA and Papyrus UML.

- The *DSML Responsible* customizes the modeling tool through a UML based metamodel of the DSML and publishes a web-based presentation of the DSML.

- The *Developers* will have a sophisticated DSML specific modeling tool with integrated and adaptive modeling guides and wizards to ensure efficient modeling and DSML compliance.

MetaModelAgent Benefits

Accelerated DSML Configuration
MetaModelAgent accelerates the setup of a DSML specific modeling tool without the need for API-based UI extensions.

Accelerated DSML Modeling
MetaModelAgent establishes a DSML specific modeling tool with user-friendly context-sensitive wizards, views, menus and palettes where high-quality models can be produced rapidly.

Accelerated Model Publishing
MetaModelAgent offers both web-based publishing of DSML specific modeling guidelines as well as easy-navigable model reports.

Development Process Independent
MetaModelAgent supports any development process and any kind of UML based DSML.

Ready for IBM Rational Software
MetaModelAgent has met IBM specifications as *Ready for IBM Rational Software.*

System Requirements

Operating System:
32/64bit Windows XP/Vista/Win7/Win8
32/64bit Linux SLED/RHEL/Ubuntu
Software:
IBM Rational Software Architect, 8.0 or later
Papyrus UML 1.0 or later

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