DELTA software technology

NEWSLETTER

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1 Architecture-Driven Modernization

Goals, Concepts and Benefits of Architecture-Driven Modernization

"Scalable Software Systems and Solutions" was the motto of the most recent OOP, which took place from the 16th to 20th January 2006 in Munich, Germany. The conference offered a broad selection of presentations, user reports and workshops for technically-oriented software developers, method-oriented software architects and for business-oriented strategic decision makers.

Business success requires continual modernization of the existing application systems. The appropriate software architectures, standards and tools are pre-requisites for this and so played a central role at the event.

Architecture-Driven Modernization – What is it?

The continuous modernization of the existing application systems in all of modernization's different facets – language and architecture transformation, platform migration, service-oriented integration etc. – is increasingly recognised as a decisive success factor. Modernization has now reached a level of acceptance that is at least as high as new development.

The OMG (Object Management Group) is building on MDA (Model-Driven Architecture) to create new standards for "Architecture-Driven Modernization" that address the interoperability of tools and support the analysis, transformation and generation tasks within modernization projects.

Rüdiger Schilling, Chief Technology Officer at Delta Software Technology reported on the goals, concepts and benefits of Architecture-Driven Modernization. He regularly represents Delta Software Technology at international conferences and is an active participant in the OMG "Architecture-Driven Modernization" Task Force.

- What is the content and current status of the new standards?

- How are custom "production lines" created on this basis for software modernization?

- To what extent is it possible to automate custom software modernization projects?

- What is it possible to achieve, and where are the limits?

The presentation provided planning assistance for modernization projects and was built around scenarios taken from the real-world. The presentation was aimed at IT decision makers, project managers, software architects and others who already have some experience with software architectures.

Architecture-Driven Modernization -
Goals - Concepts - Benefits

Further Information

To see what else happened at OOP 2006 please consult the programme overview.

If you would like to learn more about how Delta can help companies like yours use Architecture Driven Modernization to profit from your proven IT applications then please contact your local sales representative.

2 SOA and MDA: OMG Information Days – March/ April 2006

Rüdiger Schilling is an active participant in various OMG task forces and regularly represents Delta Software Technology at international conferences.

Efficient Service Enablement Using Models and Generators

Service Enablement closes the gap between the business processes and "data processing". It is hereby necessary to unify the extremely diverse architectures, development paradigms, platforms etc for the existing applications, to enable the cost effective reuse and consistent further development within the context of a flexible SOA.

Even when the technical details might suggest that the problem can be solved by using simple low-level technical tools, the overall scope, quality requirements and security needs clearly call for a model-based approach. Generative tools based on the Model-Driven Architecture (MDA) and Architecture-Driven Modernization (ADM) are needed to keep up with change driven by agile business processes.

The presentation explains the tasks and obstacles that need to be overcome during service enablement, and presents concepts and tools that help to reach the SOA goal quicker and more securely.

OMG Information Days

The OMG Information Days offer a vendor-independent information platform for the provision of comprehensive and expert information on current IT subjects. The focus is always on concepts, methods, tools and standards that promote the quality and security of software development. As a partner of the OMG, the OMG Information Days guarantee both timeliness and exclusivity as the German-language OMG platform.

What, When and Where?

Delta will be presenting and exhibiting at the upcoming OMG Information Days being held at

three convenient locations throughout Germany:

30.03.2006 – Dusseldorf

05.04.2006 – Frankfurt

06.04.2006 – Munich

Book Your Place Today!

As a platinum sponsor of the OMG Information Days 2006 Delta is pleased to be able to offer you a special discount of €70 off the regular price of €359. Take advantage of this special offer by booking your place for just €289 today.

NOTE: Remember to mention "Delta Software Technology" when making your booking to ensure that you benefit from the platinum sponsor discount!

Free Article on Generating Services

Martin Herbst and Rüdiger Schilling explain in their article "Services – Where To Get Them? Generating Is Better Than Programming" the problems that arise, especially those associated with the different application architectures, and show why generators simplify the creation of a SOA. Download this free article now and see what service enablement is really about – no registration required:

Free Newsletter Subscription

Our regular free newsletter delivers information on upcoming events, current projects, case studies, new product announcements and general news that we think will be of interest. Subscribe to our free newsletter today.

Further Information

If you would like to know more about OMG Information Days or how Delta can help you to service enable your legacy applications then please contact your local sales representative.

More newsletters and our newsletter administration can be found here:
www.delta-software.com/newsletter