

IN THIS ISSUE

1. [MDD Research – Interoperability and Feature Tracing](#)

2. [MDD Survey – Your Help is appreciated](#)

3. [MINT – MDD Tool Chains for Persistency Adapters](#)

Get in touch with us



Delta Software Technology GmbH
 Eichenweg 16
 57392 Schmallenberg, Germany

phone +49 2972 9719-0
 fax +49 2972 9719-60
 e-mail info@delta-software.com

www.delta-software.com

1 MDD Research – Interoperability and Feature Tracing

The research project IF-ModE (interoperability and feature tracing for tool chains in model-driven development) started in October 2008; its goal is the provision of information and techniques for the usage of MDD tools and tool chains based on them.



The great success of model-driven development tools, languages and methods has led to a very heterogeneous range of products in this market. If a model-driven development process is to be implemented, there is currently no other way than to compose a tool chain specifically for the project. However, the costs are increased by the requirements for the interoperability of the tools and by the necessary efforts to build the know-how to use the specific set of different tools.

Hence, for a more extensive usage of MDD methods and tools it is important to develop techniques to improve or to establish interoperability as well as an appropriate information pool. They help to

reduce the mentioned costs significantly. Furthermore, the advantages of model-driven development – particularly with regard to quality, productivity and maintenance – inure to the benefit of a large range of software developing companies.

Continued Cooperation with OFFIS

Delta Software Technology is again cooperating with the re-known OFFIS institute located in Oldenburg (Germany) which is also responsible for the project's management. The project is funded by the German Federal Ministry of Research and Technology (BMBF) as part of the research programme "KMU innovativ". The project's duration is 24 months. Following the MINT project, whose subject was the investigation of solutions for the model-driven integration of business software, IF-ModE is already the second research project serving for collaboration with OFFIS.



Model-Driven Tool Chains: Experience Matters

Delta Software Technology has profound expertise with model-driven tool chains being also the basis for the enterprise products [AMELIO Modernization Platform](#)

and SCORE Adaptive Bridges. Additionally the core technology HyperSenses – used for model-driven generator development and appliance – plays a decisive role concerning the integration of our products into the customer’s development processes. Here, Delta contributes important insights to the IF-ModE project and refines its own tools.

More information about IF-ModE you will find in the official project flyer (in German).

You are interested in model-driven development processes? Contact us directly!

MDD Survey: Please join in

At the moment an MDD survey is taking place within IF-ModE. Your requirements and experiences are important and we would appreciate your input. You find more information about it here.

Within the research project IF-ModE we are performing an online survey about the usage of MDD

2 MDD Survey – Your Help is appreciated

techniques and tools, along with the OFFIS institute. The survey examines the MDD topic from particular different professional perspectives.



All 18 questions are answered rapidly, and will be evaluated anonymously within IF-ModE.

Curious? Take a little of your time, and take part in the survey!


3 MINT – MDD Tool Chains for Persistency Adapters

In March 2006 the research project MINT (Model-Driven Integration of Information Systems) started; its main goal was the provision of an efficient model-driven development method for the integration of existing (heterogeneous) business information systems.



Normally the focus of model-driven software development is on new development only. The integration of existing heterogeneous systems from different development cultures and “epochs” is much more problematic and critical for the enterprises as this involves the productive applications.

By using model-driven development concepts and advanced generator technology also for the integration of the legacy systems, companies will be enabled to accelerate their adaptation to changing business processes and new requirements, for example in the e-Commerce area.



MINT: Model-Driven Integration of Information Systems

What is the best way for the integration of business software - with particular focus on the data access layer?

The Members

The members of this project, which is funded by the German Federal Ministry of Education and Research (BMBF), were:

- [andrena objects AG](#)
- BTC AG
- Delta Software Technology GmbH
- [FZI Research Center for Information Technology](#)
- [OFFIS e.V.](#)
- [University of Oldenburg, Dept. for Educational Systems](#)

Generator Technology from Delta

The product [SCORE® Adaptive Bridges - Data Architecture Integration™](#), developed by Delta Software Technology, is one of the integration solutions examined within the project. This product offers a non-invasive integration technique that allows the usage of existing data objects and application components without requiring any changes to be made to these objects. The complete integration code is generated automatically.

More information about MINT and our contribution to the project you get from our project flyer.

Project results from MINT were presented at the [MDD & PL 2009](#) in Leipzig (Germany). The detailed comparison of different integration approaches confirmed the effectiveness of project-specific and generator-based solutions.

You are interested in our integration solutions?
Please contact us directly!

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

