NEWSLETTER

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DELTA
software technology

1 Leipzig University Autumn School: Automated Development of Software Generators and DSLs

Software generator development as separate domain of the model-driven software development provides an extremely high potential to automate the software development. As a specialist for generative development tools, Delta Software Technology provides with HyperSenses a model-driven software development environment for the efficient modelling and generation of domain-specific languages and software generators.

From 04. to 05. October 2011 Delta Software Technology offers in co-operation with the Institute for Business Information Systems of the Leipzig University a 2-day workshop as part of the Autumn School.

The focus will be on the use of HyperSenses to model and construct generators for the production of multi-platform and variant-rich applications. With HyperSenses, model-driven generative development already pays off for small projects.

Simply generate your generators yourself: Economic – specific – first-class. How? Find it out at the Autumn School in Leipzig. External attendees are welcome.

Autumn School: HyperSenses

Automated Development of Software Generators and DSLs

04.-05. October 2011, Leipzig

Uni Leipzig Herbstschule: Automatisierte Entwicklung von Software-Generatoren und DSLs
Die Verwendung von HyperSenses zur Modellierung und zum Bau von Generatoren für die Fabrikation von multiplattform -und variantenreichen Anwendungen wird vom 4. - 5. Oktober 2011 am Institut für Wirtschaftsinformatik der Universität Leipzig in Zusammenarbeit mit Delta Software Technology im Rahmen der Herbstschule vorgestellt und erlebbar gemacht.

The Autumn School flyer is only available in German! Please notice that this event will be held in German language!

For our English-speaking customers and interested people, we will host a similar workshop in Cardiff on 11.-12. October 2011. Further information on that event will follow soon!

Registration

The participation in this event is free of charge for our customers and interested visitors. Bring along your notebook with a current Eclipse installation (Microsoft Windows; version 3.6 or higher 32bit) and JDK 1.6 32bit for the practical exercises.

HyperSenses for You

All workshop attendees will get the latest version of HyperSenses for free. You can use it...

- to learn more about the tool,

- to further develop the exercises or

- to realise own ideas and practical applications.

More about DSLs and Generator Development

Variant-rich development and therefore application areas for domain-specific languages and software generators exist everywhere in the software development. Some examples are embedded systems, customer-specific variants of software products and currently mobile apps, of course.

Visit our website for further information

- <u>Software Generators Prevent Application Backlog</u> Generate your software by yourself: economic – specific – first-class.

- <u>HyperSenses,</u> the model-driven development system for DSLs and software generators.

Please get in touch if you would like to develop domain-specific languages and software generators efficiently and economically.

We offer workshops specifically for your development domain and your requirements also in-house at your location.

Our customers confirm: the automation of software development by a model-driven development of DSLs and generators increases the quality and efficiency of the software development.

> *"HyperSenses has enabled HT Applications the support of a manifold of platform and customer variants of our smartphone apps without the burden of implementing the same functionality over and over again."*
> **Hessel van Tuinen, CEO, HT Applications, The Netherlands"**

2 Software Modernisation and Migration: Important Questions and Our Answers

With the AMELIO Modernization Platform we provide a tool that fully automates the transformation of large-scale IT applications. Due to the 100% automation, our solution differs fundamentally from those of other suppliers. What advantages result from this can be read in our Questions and Answers that we compiled for you on the subject of "Software Modernisation and Migration with AMELIO Modernization Platform".
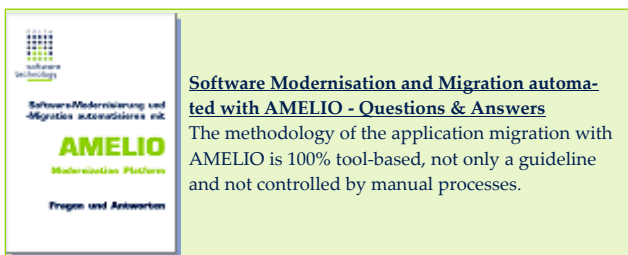
AMELIO is used for platform migrations and modernisations, for replacing frameworks, for mass changes as part of the maintenance, for architecture transformations and many more. It is used whenever

it is about the secure and consistent (mass) changes of large-scale IT applications.

When our customers and prospects discuss the modernisation or platform migration of their applications with us, they not only want to understand the concepts, methods and proceedings of our solutions, but they also want to know more about the resulting possible strategies and alternatives.

- When you should decide for an In-place Migration?

- How does Meta-Level-Testing work?

- What exactly is the Clean Room concept?

We have compiled these questions and answers for you: 33 pages full of information. Download now:

Software Modernisation and Migration automated with AMELIO - Questions & Answers
The methodology of the application migration with AMELIO is 100% tool-based, not only a guideline and not controlled by manual processes.

You certainly will have other or further questions, because every modernisation or migration is different. We would like to discuss with you your opportunities to modernise your applications securely and error-free. Please get in touch with us.

More about Modernisation and Migration

Our solutions are designed to perform changes as securely and smoothly as possible. We are special-

ists for software tools that completely automate technical tasks.

Our solutions are flexible and individually adaptable. Please find more information on our website

- Software migration

- Application modernisation

- Database migration

- Modernisation of COBOL applications

Get in touch with us if you want to modernise or migrate your applications with the highest quality and security.

Users confirm: Large-scale change projects can be performed in this way in less time, more secure and with less resources.

„The extent to which AMELIO automated the project was truly amazing. The tool delivered absolutely reliable results."
Jürgen Mülders, Service Manager,
T-Systems International, Germany"

3 Software-Migration: How to eliminate the risks

There are many reasons for software migrations: cost-reduction, platform consolidation, expiring

support for old platforms and development tools or technologies, dwindling know-how, modernisation of the application architectures to better meet the new requirements (keyword: SOA, Composite Applications, Cloud, etc.).

- **Security:** How can large, strongly interconnected applications be securely migrated to new platforms and new databases?

- **Reliability:** How can errors in the productive business operation be prevented?

- **Costs:** How can a double effort for development and maintenance be avoided?

- **Changes:** What if technical parameters change, if after all you want to use other platform components?

We have asked RDW, an experienced IT provider. Their answer: **In-place migration with SCORE Data Architecture Integration.**

Overall, RDW migrated 14,400 software objects including 12 million lines of COBOL code from UNSIYS OS 2200 RSA RDMS to Microsoft Windows managed .NET with Microsoft SQL Server as database. 3,200 data access services for each of systems, for RSA RDMS and for Microsoft SQL Server have been generated automatically by using SCORE **Data Architecture Integration.**

Read our interview. Download now:

RDW - Platform Migration with SCORE Data Architecture Integration
SCORE Data Architecture Integration has played an important role in RDW's platform migration from Unisys OS 2200 to Microsoft Windows. The original application consisted of a one-tier architecture accessing the RDMS database via RSA CALL interface."

Every software migration is different. We would like to discuss with you about your opportunities to migrate your applications securely and error-free. Get in touch with us.

More about Software Migration

Further information can be found on our website

- Software-Migration

- SCORE Data Architecture Integration

- The complete modernisation project at RDW

Get in touch with us if you want to modernise or migrate your applications with the highest quality and security.

Users confirm: SCORE Data Architecture Integration ensures a secure and smooth platform change.

> „The fact that we did platform, database and application architecture transformation in one step was way beyond what we expected to be possible. SCORE Data Architecture Integration proved to be the robust and reliable product we needed to keep our data secure and available during this project."
> **Eric Martens, Project Manager, RDW, The Netherlands**

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