DELTA software technology

NEWSLETTER

ISSUE FEBRUARY 2014

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1 Logic Discovery: Information is not Knowledge

Frank Zappa already knew: "Information is not Knowledge". This song line can also be applied to software development because for the modernization or re-implementation as well as for the maintenance and further development of an application it is not enough to possess information about how the application has been implemented. Above all, it is decisive to know what has been implemented in the application. AMELIO Logic Discovery therefore analyses large and complex COBOL and PL/I applications, detects information about implementation details and derives from it the knowledge about the functionality of the application.

An example to demonstrate that information and knowledge are not the same and how you can derive knowledge from information can be found in our article „Information is not Knowledge".

Please find more information about how AMELIO Logic Discovery can help you to understand your applications on our homepage: AMELIO Logic Discovery.

"Information is not Knowledge"
"Information is not Knowledge", this song line from Frank Zappa can also be applied to software development. Information about the implementation does not suffice for the modernisation or re-implementation as well as for the maintenance and further development of applications. Learn more about how you can automatically extract the necessary expert knowledge from your applications.

Or you contact us directly to arrange an appointment for a presentation:

2 ADS on Visual Studio

ADS on Visual Studio integrates the Delta ADS development tools into the modern development environment Microsoft Visual Studio.

Using different development platforms is uncomfortable and inefficient. For this reason many enterprises want to standardize their development environments. Besides Eclipse, Microsoft Visual Studio is the most used development environment.

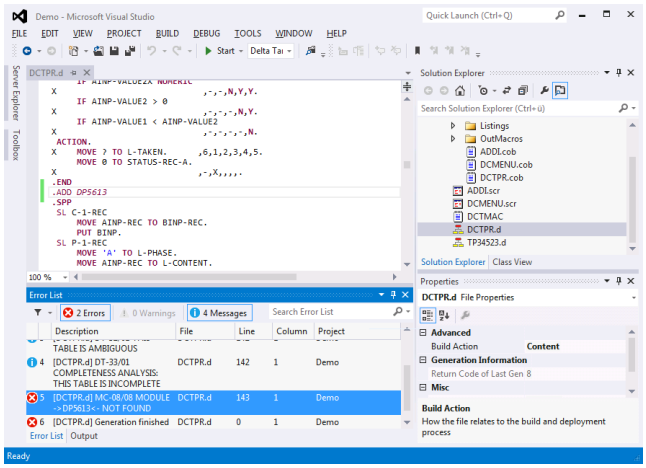
That is why we now provide ADS on Visual Studio in addition to ADS on Eclipse. In this way, you can comfortably develop with

ADS, C#, Java, COBOL, PL/I and other languages in one integrated development environment.

ADS on Visual Studio

With ADS on Visual Studio you can now standardize your working environments for the application development. ADS on Visual Studio smoothly integrates all ADS tools into your individual development environment on Microsoft Visual Studio:

- ADS editors
- ADS generators
- ADS Post-Generation Debugger
- ADS reports and analyses
- ADS documentation



ADS Generators

You can start the ADS generators directly from the Visual Studio environment. The configuration is conveniently defined using the standard property dialogs.

An individual window is available for displaying the generation lists. In addition, the macros called during the generation will be displayed in a separate Cross Reference window.

You will see the generator messages directly at the right place within the source code as well as collected in the Error List window for the entire solution.

ADS Post-Generation Debugger

The Post-Generation Debugger is directly integrated in Visual Studio and you can switch between the code editing and the debugger at any time.

ADS Report Wizard

A wizard supports you in creating and configuring reports and analyses. You will gain detailed documentation about your applications directly in your working environment: Coverage and Dead Code Analyses, Call Trees, Cross Reference Reports and many more.

More about ADS on Visual Studio

You want to know how to easily perform your application development with ADS on Visual Studio? Please get in touch with us.

Microsoft has reduced the support for the operating system Windows XP stepwise since 2009 and terminates it now. As a result, many enterprises change their development environments as well as the runtime environments for their applications to newer Windows versions.

3 Microsoft ends Support for Windows XP

Windows XP as Development Platform

We provide all our development tools for the current Microsoft Windows environments and recommend our customers to migrate to the modern Windows 7 or 8. We do not recommend maintaining older Windows environments in virtual machines as it requires unnecessary effort.

We would be pleased to explain what the update of your Windows system means for your installation of the Delta development tools: Contact us now.

Windows XP as Target Platform for your Applications

Your applications run on Windows XP? With the generative tools from Delta Software Technology you develop your applications platform-independently. As a result, you can easily replace the platforms. A simple re-generation of the applications for the new platform is sufficient for the platform change.

We would be pleased to explain how you can use current Windows versions for your applications: Contact us now.

By the way: Many enterprises use operating system updates or infrastructure changes for an inventory of their applications. What is not used doesn't have to be migrated. AMELIO Logic Discovery can help you to get rid of the ballast. For further information please have a look at our article „Spring-Clean your COBOL- and PL/I-Applications".

4 Code Generation 2014: MDSD - Practice what you Preach

European's leading hands-on conference on Code Generation.

3 Day Conference.

- Workshops, experience reports, case studies and tutorials
- Social evenings
- Peer learning opportunities

High value, low cost event delivering honest learning you can use immediately. Actively learn, share experiences, techniques.

9th to 11th April 2014, Cambridge, UK

Delta presents:
MDSD – Practice what you Preach

11th April 13:15 - 14:45

We believe that software is best developed in a model-driven way with DSLs and code generators. But generators and DSLs themselves are seldom developed in a model-driven way. That makes it a time consuming and error prone task. Why don't we produce them according to the same principles?

HyperSenses provides a model-driven environment for the production of generators and DSLs. It allows a step by step and iterative development process based on the reuse of proven code (fragments). HyperSenses is the way to practice what you preach.

In this session we will explain the ideas behind HyperSenses and demonstrate the Environment.

Our Speakers:
Daniela Schilling and Reg Mulder

Daniela Schilling, PhD computer science at the University of Paderborn 2006 with focus on formal software analysis.

From 2006 to 2011 Daniela Schilling worked as project manager within the automotive industry.

In 2011 she joined Delta Software Technology GmbH as Program Manager "New Technologies" which also includes the responsibility for HyperSenses. She became managing director in 2013.

Reg Mulder graduated with an MA Scientific Research of Objects of Art at the University of Groningen 1987. He started a career in ICT and became involved with Software Lifecycle Management. He joined Delta Software Technology in 1992.

Code Generation 2014 with Delta

We from Delta look forward to meet you at Code Generation 2014. Discuss with us how model driven development methods can be applied to the development of DSLs and generators.

Here you will find the complete overview of all lectures: http://codegeneration.net/cg2014/programme/

No time to join Code Generation 2014? Please get in touch with us, we then present you the concepts of HyperSenses when it fits in your agenda.

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

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Order number: NL 21'014.01 – February 2014