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## Spring-Clean Your COBOL and PL/I Applications

Spring is coming and the sun brings light into flats and houses. Dust and dirt being collected unrecognized during the dark season now gets visible. Thus in many households the spring-cleaning is started. Why don't you extend your spring-cleaning also to such that also your COBOL- and PL/I-applications? Such applications were built over many years or even decades. Within this time they were alive – they got maintained, extended, adapted to new requirements and therefore they grew. At many places dispensable ballast has been collected, program structures got changed, documentation is not available any more or not up to date. Maintaining and comprehending the application gets more and more complex.

AMELIO Logic Discovery extracts the implemented application logic from COBOL and PL/I applications and thereby helps to comprehend them. The discovery of the application logic is performed in three steps – inventory, code optimization and logic analysis. The inventory determines which elements – i.e. programs, interfaces and data structures as well as dependencies between them – build the application. Elements relevant to be maintained or needed to be comprehend get determined during the optimisation phase, e.g. dead code is detected, documented if applicable and removed. The information provided by the preceding steps is used by the logic analysis to gain models which are independent from programming languages as well as from programming paradigms. Thereby the application logic is extracted and comprehensible re-presented.

We combined the inventory and the dead code analysis and reduction in the CleanUp package of AMELIO Logic Discovery. This package is intended to re-document existing applications and particularly to recognize, document and remove dispensable ballast and thus to efficiently, dependably and automatically perform the spring-cleaning...

Source: [openPR 28.03.2013](#).

## **The cobbler's children are best shod: The Solution of the MDD Paradox**

[[Daniela Schilling](#)] Generators and domain specific languages (DSLs) accompanied by models are the central elements of model-driven development but paradoxically they themselves get developed by using the conventional methods instead of model-driven ones. As a result, the development of generators and DSLs is considered as a time-consuming and error-prone hermetism. In this article we present a solution which solves this paradox and significantly reduces development effort and complexity.

The article has been published in [OBJEKTSpektrum 06/2012](#).



[The english translation can be found here.](#)

### **Further Information**

[HyperSenses](#) - Integrated system for model driven development of DSLs and software generators

Source: [OBJEKTSpektrum 06/2012](#).

## **Software-Firma nimmt klugen Köpfen die Fleißarbeit ab (german)**

Find more here: [Software-Firma nimmt klugen Köpfen die Fleißarbeit ab](#)

## **B+S Improves Efficiency of Software Development with ADS 6**

B+S Banksysteme AG (B+S) has one of the largest application systems that has been developed with Delta tools. In April 2012 B+S started to introduce the pre-release of [ADS 6](#) in order to again increase the efficiency and quality of their software development and maintenance.

### **Generative Development with ADS**

B+S successfully uses the generative development system Delta ADS for the development of their products already for decades. More than 300 million lines of code are generated for four completely different platforms every year. "For more than 20 years now we successfully use Delta tools to develop and maintain our

large scale and complex banking solutions. The excellent implementation of the principle of generative software development by all Delta tools enables us to develop our software products platform independently and with the highest possible degree of automation. Thereby we meet our customers' demands on reliability and quality.", says Wilhelm Berger, CFO at B+S.

### Experiences with the new ADS 6

In April 2012, B+S started to introduce the pre-release of ADS 6. Oswald Klackl, head of architecture & quality management at B+S, about the new functions: "The new ADS 6 enables us to further improve the efficiency and quality of our software development and maintenance. For example, new functions for the detailed documentation and description of the generating process help us to securely and fast perform changes and enhancements on our large scale and complex applications."

### About B+S Banksysteme AG

B+S Banksysteme Aktiengesellschaft (B+S) supports banks, data centres and core banking manufacturers with customizable standard software and with powerful, flexible and scalable application packages for financial management. The products of the company which is listed at the Frankfurt stock exchange are completely platform-independent and due to their standard interfaces they can flexibly be integrated. They are multi-client and multi-currency capable as well as multilingual.

Further information on B+S: [www.bs-ag.com](http://www.bs-ag.com)

Source: [openPR.de](http://openPR.de) vom 09.07.2012

## HyperSenses kostenlos testen

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