DELTA

software technology

NEWSLETTER

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1 ADS 6

Being successful already for decades, Delta's generative development system ADS for enterprise back-end applications in COBOL and PL/1 has been used to develop extremely large applications. Decisions about the further development, the modernisation and the orientation of these applications regarding new technologies require profound understanding and reliable assessment of these core applications.

The new ADS 6 focuses on these requirements: ADS 6 improves the understanding of the ADS applications by offering new functions. Language extensions for ADS MACRO simplify the development and maintenance of the application frameworks. Analyses and reports provide reliable information for the assessment.

Delta ADS – Proven Efficiency in the Application Development

Our customers have implemented extremely large applications by using Delta ADS: including billions of generated LOC and hundreds of thousands of programs. According to statements of our customers, only a few developers are needed to maintain and further develop thousands of programs. The development with ADS is stable, reliable and very efficient.

"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."
Oswald Klackl, Head of Architecture & Quality Management, B+S Banksysteme"
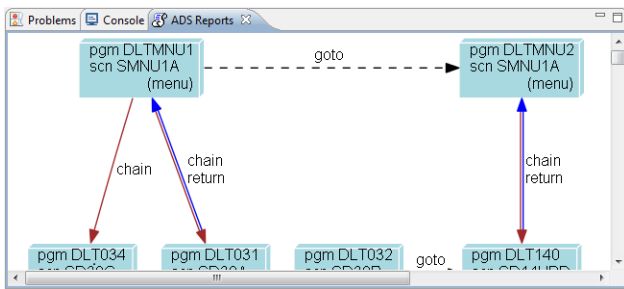
Do You Understand Your Software?

Delta ADS applications have grown over a long period. They are an active business value that comprises significant investments. Over time, the knowledge of the implementation often got lost. As a result, the costs for maintenance and usage increase.

With ADS 6 we help you to re-document your applications and to analyse the implemented logic. This way you understand your software!
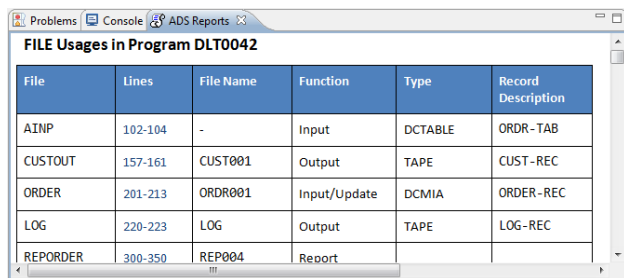
Application Mining for ADS Applications

During the generation, ADS 6 collects all information about interfaces, definitions, macro usage and much more. Using easy-to-configure reports you get detailed documentation, you can perform statistical and dynamic analyses and assess your code. In addition,

individual analyses are possible as well, e.g. to estimate efforts or to prepare decisions for modernisations.
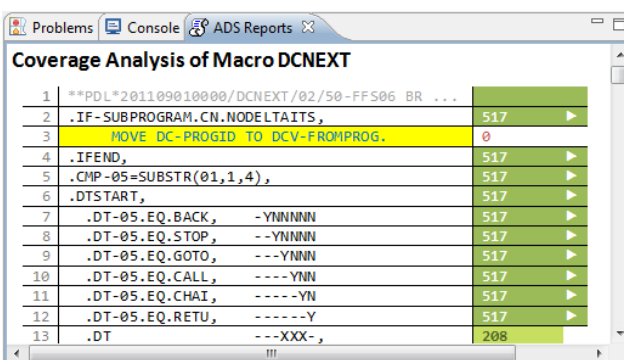

How are the modules connected with each other?
Who calls whom, how, when and where?

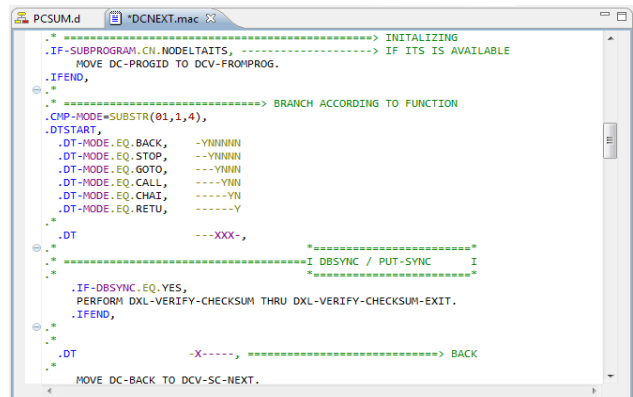*Which files are used, where and how?*

Is this code really necessary?

Understand Your Software!

"Understanding the existing applications gets more and more important. With ADS 6 we want to provide profound information on the applications to ensure that our customers have a reliable basis for the decisions about the future of their core applications. This information directly results in considera-

ble savings for the development and maintenance of these large applications." says Rüdiger Schilling, CEO, Delta Software Technology.

Extensions for ADS MACRO

ADS MACRO is the key element of the ADS development system for the systematic multiple re-use of code. Some enterprises even have developed their

The ADS 6 extensions for ADS MACRO provide more flexibility and clarity, better readability and understanding during the development.

own generator systems by using ADS MACRO.

The ADS 6 extensions for ADS MACRO provide more flexibility and clarity, better readability and understanding during the development. The main key words are:

- Extended syntax: descriptive parameter names, free formatting, clear indentation, mixed-case support

- Macro Source Optimizer with automatic conversion "Old to new"

- Post Generation Debugger

- Coverage and dead-code analyses, cross-references

- Detailed macro analyses with results in HTML format, clear and easy to evaluate

> "The Delta products bring a tremendous boost to productivity in development and maintenance. We know that based on more than 20 years of experience. This is real added value."
> Rainer Neuhaus, Development Manager, Kanton Aargau, Switzerland"

The New ADS 6 for Even More Productivity in Application Development

ADS 6 provides the functions that help you to better understand your Delta ADS applications. The new functions and language extensions improve the readability and maintainability of the applications. With the new release of ADS the development and maintenance gets even more efficient. ADS 6 provides:

- Discovery and application mining for ADS applications

- Extensions for ADS MACRO

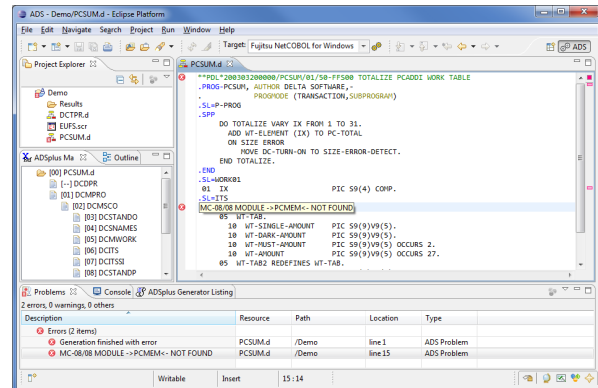- ADS 6 on Eclipse as new development environment

2 ADS on Eclipse

ADS 6 is released! Please use our contact form to order the release now.

Eclipse is finding its way into many areas of software development. Many enterprises use Java, PHP and similar under Eclipse for their (web) front-end development while they generate their back-end applications with ADS on Microsoft Windows systems or mainframes.

With the new ADS on Eclipse you now can standardize your working environment for the applica-

Comfortable ADS development in Eclipse

tion development. ADS on Eclipse contains context-sensitive editors as well as plug-ins for Post-Generation Debugging and ADS Reports. Generation and build processes can be started directly.

We will release ADS on Eclipse in summer 2012.

ADS on Eclipse is based on Eclipse Indigo. Supported are Microsoft Windows XP Service Pack 3 and above, Microsoft Windows 7 and Oracle Java SE 6 (32 bit).

Please use our contact form to order the pre-release now.

> "The guaranteed long-term support of Delta tools is and always was of vital importance for us. This also includes their continuous enhancement to fit new demands, to always be state of the art. An excellent example for this is the comprehensive integration into the standard Eclipse. This perfectly matches our strategy of a modern and future-proof development landscape."
> Peter Bauch, COO, B+S Banksysteme"

More About ADS on Eclipse

You want to know how to easily perform your application development with ADS under Eclipse? Please get in touch with us.

3 Predicate BEST OF 2012 for HyperSenses

The expert jury of "Initiative Mittel-stand" (Initiative for Small and Medium-sized Businesses) awarded HyperSens-es with the predicate BEST OF 2013 and 2012!

With the INNOVATION AWARD IT, the "Initiative Mittelstand" awards enterprises whose innovative IT solutions provide an especially high value for small and medium-sized businesses. The software generator development environment HyperSenses has particularly convinced the jury and thus belongs to the top group out of more than 2,500 applications submitted.

Further Information about HyperSenses
You want to know how to develop your own software generators? Please get in touch with us.

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