DELTA

software technology

NEWSLETTER
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More newsletters and our newsletter administration can be found here:

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1 Support Information: New Product Versions available

We have released new versions for the following products:

- Delta ADS for COBOL (6.6.1)
- PostgreSQL - New Target for ADS 6 for COBOL
- ADS on Eclipse (8.1.1)
- ADS on Micro Focus (8.1.1)

Delta ADS 6 for COBOL (6.6.1)

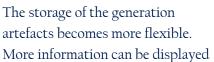In this new release, we have implemented new functions and some changes. The generation has been further optimised.

PostgreSQL - New Target for ADS 6 for COBOL

Do you rely on PostgreSQL? With Delta ADS release 6.6.0 we now offer you for this database system a new target for the generation of data services.

ADS on Eclipse (8.1.1)

With this new release you can now also define your own targets. The storage of the generation artefacts becomes more flexible. More information can be displayed in the console window and the navigation to the generator messages has been simplified. Furthermore, analysis data can now be created in MALIST format in addition to HTML format.

ADS on Micro Focus Enterprise Developer / Connect (8.1.1)

With this new release we support Micro Focus Enterprise Developer for Eclipse version 8. The installation of the basic components has been completely revised and simplified. With this release you can now also define your own targets. The storage of the generation artefacts becomes more flexible. More information can be displayed in the console window and the navigation to the generator messages has been simplified. Furthermore, analysis data can now be created in MALIST format in addition to HTML format.

For more information about the new features and improvements, please see the respective release notes and reference books in the support area of our website.

Get information and updates right now. You'll find the list of our current product versions here.

2 Let's meet Delta

COBOL and PL/I applications perform their service reliably every day. But the longer the applications live, the more dirt and technical debts accumulate in the applications, making maintenance and further development increasingly difficult and error-prone. Also, in the run-up to modernisation projects, it is advisable to clean-up applications in order to avoid errors and to reduce costs.

At the following events, we will report on how you can clean-up your applications in an agile way using a software washing machine:

- SVA Mainframe Dayz 2023
  07.-08.03.2023, Wiesbaden (Germany)

- GSE Technical University -
  Mainframe Modernization
  20.-21.03.2023, Kassel (Germany)

By the way, the presented approach and technology is also perfectly suited for a safe, step-by-step modernisation of applications.

You cannot attend the events?
We would be happy to present the AMELIO Software Washing Machine to you in a personal meeting. Simply get in touch with us.

3 Iceberg Ahead: Hard to Port or Risk Minimization

Modernization of COBOL or PL/I applications

Changing large, productive IT applications is associated with high costs, risks and an enormous amount of time. The race in the areas of agility, adaptability, and the adoption of new requirements is becoming increasingly difficult. The costs for the maintenance and further development of the application are increasing. The productive lifetime of business functions is often measured in decades. Technologies, on the other hand, have a much shorter lifespan. For such transformation projects, you therefore need flexible tools that change your applications in a targeted manner - without endangering functionality and thus the important day-to-day business.

Our colleague Hans Nickessen reports in his text "Hard to Port or Risk Minimization" about how modernization contributes to cost reduction.

"Iceberg Ahead!"
Here is the 4th part of the series:

Download Iceberg Ahead: Hard to Port or Risk Minimization - Reducing costs through modernization

Here you will find the first parts of the text series "Iceberg Ahead!"

- **"Iceberg ahead: Assessment or how to assess and minimize the Risk of a Change"** - (part 3): https://delta-software.com/link.php?en=6339

- **"How you can successfully bring your COBOL or PL/I Applications into the Future without hitting an Iceberg"** - (part 1) & **"Knowledge Transfer - Securing, Re-understanding, Optimizing and Passing on the Foundation"** - (part 2): https://delta-software.com/link.php?en=6335

4 New Delta Training Courses: Register Now

Anyone using tools to automate software development needs in-depth knowledge of the methods, modes of operation, and capabilities of the tools. And not just "in principle", but in relation to the concrete environment and task.

Our training courses and workshops help you to use Delta tools efficiently and to optimise the development of your applications: Practice-oriented and taking into account your main areas of interest.

ADS Basics - ADS for Administrators - ADS Refresher - ADS on Eclipse - ADS What's new

Here you will find the new dates:

- 06.03.-08.03.2023 and 18.09.-20.09.2023: ADS Basics
- 13.03.-15.03.2023 and 26.09.-27.09.2023: ADS for Administrators

- 21.03.-22.03.2023 and 17.10.-18.10.2023: ADS Refresher
- 04.04.-05.04.2023 and 24.10.-25.10.2023: ADS on Eclipse
- 18.04.2023 und 07.11.2023: ADS What's new
- 25.04.2023 und 14.11.2023: Delta DETAB

Learn more about our trainings and workshops ...

Contact us to discuss your requirements for a **customised training**.

5 Our Highlights in 2022

The pressure to reduce costs and at the same time increase flexibility is a permanent companion of IT departments. For our customers, especially for banks and insurance companies, this has brought the consolidation of database systems into focus. Our reports on the successful replacement of old database systems such as IBM IMS therefore met great interest:

IMS Replacement at Gothaer: In Time – In Budget – In Scope

Automatically migrating from IBM IMS DB to IBM Db2 was Gothaer Systems' task. Delta offered a solution consisting of know-how, suitable tools and services for this task. The entire migration project (45,000 sources, 447 IMS databases) ran smoothly and without downtime. Above all, Gothaer was able to further develop the applications in parallel.

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At Gothaer, the replacement of old technologies is another step in its 'Smarter Mainframe' strategy to modernise its IT landscape. The full integration of today's operational systems on the host - in the context of new projects - is immensely facilitated and contributes decisively to the digitalisation and the accelerated implementation of new functional requirements.

Click here to read the complete project report.

Provinzial achieves complete migration from IBM IMS/DB to IBM Db2 with Delta

With the tools and services from Delta Software Technology, Provinzial Rheinland managed the complete application and data migration from IBM IMS DB to IBM Db2 for more than 75 IBM IMS databases and over 36,000 artefacts in an automated and secure manner.

The migration from the extremely fast IMS databases, whose application programs are often precisely aligned with the storage structures, to the more flexible Db2 databases, which are suitable for ad-hoc queries, often leads to a loss of performance. Provinzial also feared this. However, due to the automated migration and the possibility to individually adapt the transformation rules, there were no performance losses. The specifications for the performance of the migrated applications were met to Provinzial's complete satisfaction.

Click here to read the complete project report.

Further Information

Old database technology causes high costs and makes it difficult to use new technologies for central and critical IT applications. Moreover, there are fewer and fewer developers and system engineers for the old technology. This is true for hierarchical databases like IBM IMS DB as well as for other non-relational databases.

We present ways to preserve the functionality of your applications and migrate to SQL databases without risk.

- Automatically replacing IBM IMS/DB
- Successfully Replace IMS Databases
- IBM IMS/DB? Modernization Now!
- Modernization Project at BSQ Bauspar AG

Let's talk about how to safely replace old database technology in your organisation.