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1 Gothaer Systems starts migrating its IBM IMS Databases

Together with Delta Software Technology GmbH, Gothaer Systems is consolidating its IMS databases into IBM DB2.



Gothaer Systems (GoSys) aims to migrate all its data stored in IMS/DB to new DB2 structures. IMS/DB data access calls in the existing COBOL programs (both native and generated with Delta ADS) should be replaced automatically, with the aim of completely replacing the IMS databases. Delta Software Technology (Delta) offers know-how and the right tools for this task. By building a tailor-made factory with [AMELIO Modernization Platform](#) (AMELIO), all necessary steps for the migration can be performed automatically.

Proof of Concept

In the first step, Delta presented the procedure and the basic functionality for the automated transformations with AMELIO. After a successful proof of concept, in which the concepts and tech-

niques of the fully automatic transformation were verified, GoSys decided to go this path together with Delta.

Project started

We are currently in the middle of the project: In close coordination between GoSys and Delta, the AMELIO-Factory has been successfully configured and is constantly being expanded. Regular maintenance and further development continues during the setup phase. The resulting new versions of source modules are included in the ongoing AMELIO work. After the successful transformation of the applications, they are transferred to GoSys in order to check and approve these modules using meta-level testing.

The first packages with IMS databases and all of their data and applications have now been successfully transformed to use DB2 and are in productive use.

Get to know AMELIO and Delta as well

Due to the high degree of automation, transformations can be repeated, understood and reproduced at any time. Freeze periods are reduced to a few days. The migration can be divided into packages and the result is



applications that can still be used and maintained without a footprint or vendor lock-in.

- Would you like to find out more about such migration projects or are you planning a modernization or refactoring?
- Do you want to migrate an application package to a new platform?
- Are you interested in mass change automation?

We would be happy to show you which options the AMELIO Modernization Platform offers you. We are looking forward to your contact.

About Gothaer Systems

“Gothaer Systems is the central IT service provider for the Gothaer Group. We ensure that Gothaer is always up to date with the latest information technology: through innovations and continuous further development of technology and organization. We also provide the infrastructure for the access to data and business processes. This is how we ensure a high level of IT quality within the group - and thus support Gothaer’s business.”

Further Information

Here you can find more articles on the topic:

- [Automatically replacing IBM IMS/DB](#)
- [Successfully Replace IMS Databases](#)
- [IBM IMS/DB? Modernization Now!](#)
- [Modernization Project at BSQ Bauspar AG](#)



Gothaer Systems starts migrating its IBM IMS Databases

Together with Delta Software Technology GmbH, Gothaer Systems is consolidating its IMS databases into IBM DB2.

[Read more](#)



AMELIO Modernization Platform - Replacing IMS Databases

Safe Replacement of IMS Databases: How to Succeed!

[Read more](#)

2 LzLabs teams up with Delta Software to ensure seamless application maintenance & development on open systems

Customers using Delta ADS to generate COBOL or PL/I can continue to run and maintain applications on LzLabs Software Defined Mainframe®

Many organizations use tooling to facilitate faster development and maintenance of their legacy applications. One example is [Delta ADS for COBOL and PL/I](#), tooling which helps companies maintain online and batch programs, independent of platform specific considerations such as operating system, database management system or monitoring.

When migrating mainframe applications from mainframe to the cloud, companies using Delta ADS wish to understand how they replicate functionality of their generated applications – much of it unique to their organization – in an open systems environment.



Applications can be moved seamlessly

Working together, LzLabs and Delta Software Technology make this process seamless. Companies' Delta ADS-generated applications can be moved seamlessly to x86 or the Cloud and continue to function as they did on the mainframe.



How is this achieved? LzLabs Software Defined Mainframe® (LzSDM) provides a platform to run mainframe applications on Linux, whether on-premise or in the cloud. LzSDM runtime supports the execution of customer legacy applications, without recompilation or reformatting of data, while utilising enterprise-class Linux and other open technologies to provide best-in-class operation environments.

Run critical applications as on the mainframe

Mainframe legacy applications – including those generated with Delta ADS – can be moved to an environment designed to preserve business logic within the executable. Hence, companies can run critical applications just as they did on mainframe, only now in a modern environment where they are better placed to innovate and save money.

Once migrated, Delta's ADS on Eclipse plugins interface with LzWorkbench™ – LzLabs' maintenance and development plugin for Eclipse – enabling customer applications to be amended and modernized during and after migration. LzLabs and Delta are already working together on migration projects for a number of European financial services and insurance organizations using Delta's technology.

"We have many customers who seek greater flexibility in where to run their mainframe workloads. LzLabs' technical approach provides a seamless shift from legacy platforms to open systems. Our customers seeking to move applications to open environments can do so and continue to benefit from the flexibility and modernization benefits of Delta solutions."

Dr. Daniela Schilling
CEO of Delta Software Technology

Learn more about [LzLabs](#) and [Delta Software Technology](#).

Blog @ LzLabs: [Making application migration seamless for Delta ADS for COBOL and PL/I customers](#)

3 Insurance company assesses unified Micro Focus development environment with Delta Software

A modern development environment is the goal for the software developers of a large insurer. Together with Micro Focus and Delta Software Technology, the insurance company examined the connection of Delta ADS to Micro Focus Enterprise Developer for Z.

The insurance company based in Germany successfully uses the Delta ADS for COBOL generator from Delta Software Technology (Delta) for decades. The ADS programs are developed on the host, maintained and then generated in COBOL tailor-made to the customer's requirements.

In order to provide the developers with a modern development environment, several approaches from various manufacturers were assessed. The long-term goal is to offer Java developers as well as COBOL and Delta ADS developers a uniform platform. The

NEWSLETTER

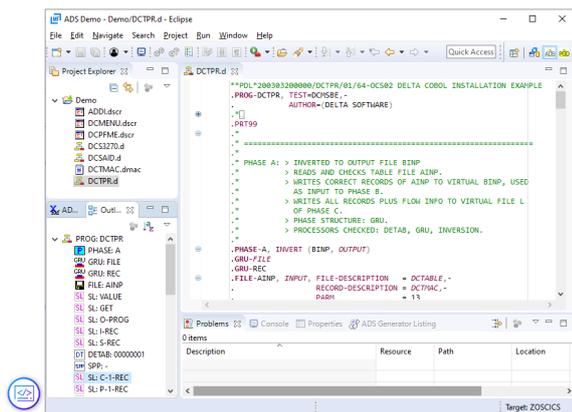
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decision was made to perform a more in-depth analysis of Micro Focus Enterprise Developer for Z (Micro Focus EDz) and Delta ADS on Eclipse. The use of Delta ADS on Eclipse has the advantage that it can be integrated directly into all Eclipse-based environments.

Added value created

With the help of Delta ADS on Eclipse (respectively ADS on Micro Focus EDz), the development and maintenance of the Delta programs is greatly simplified and modernized. By using analysis and coverage functions as well as the use of the post-generation debugger, the maintenance is accelerated because the application heirs have easier access to the ADS programs. It is also possible to offload the generation process of the ADS programs to the PC. This saves, among other things, valuable CPU time on the mainframe.



Delta ADS on Micro Focus Enterprise Developer for Z

Thanks to the good partnership between Micro Focus GmbH and Delta, nothing stood in the way of expanding the Delta ADS connection to Micro Focus EDz. The development and generation pro-



cesses of Delta ADS programs were seamlessly integrated into Micro Focus EDz. This made it possible to provide the insurance company with a uniform solution.

The insurance company has now successfully put this joint solution through its paces and found it to be good. Nothing stands in the way of a long-term use.

Go the same way

Would you also like to provide your developers with a modern and integrated development environment? Get in touch with us, ADS on Eclipse is also available for other Eclipse-based development environments and Microsoft Visual Studio. In addition, active Delta customers receive the upgrade to the latest Delta ADS version free of charge.

Go the same way and simplify the maintenance and development of your Delta ADS applications - the application heirs will thank you.

"For us it is and has always been of crucial importance that the Delta tools are supported in the long term. This also means that they are constantly being developed to meet new requirements, always on the cutting edge of technology. An excellent example of this is the extensive integration into the open standard Eclipse. That fits perfectly into our strategy of a modern and future-proof development landscape."

Peter Bauch
Management Board, B+S Bankssysteme

More about ADS on Eclipse

Would you like to know how you can easily perform your application development with ADS under Eclipse? Please contact us.



4 Delta Support Information: New Product Versions available

Today we have released new versions of the following products:

- ADS for COBOL (6.4.3) - for all platforms
- ADS for COBOL (5.1 C)
- Generator Engine for IBM z/OS (6.4.13)

Please also note the following information:

- New: Delta ADS 6 on Mainframe
Delta ADS 6's new capabilities to more efficiently develop, maintain, and test the ADB-generated COBOL and PL / I applications and the application frameworks created with ADS MACRO ...

You can find more information about new features and fixes in the release notes at the [support area](#) of our website.

Get information and [updates](#) right now. You'll find the list of our current [product versions](#) here.

5 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.

Due to the COVID-19 pandemic, the training courses will only be offered online in the first half of 2021.

Here you will find the new dates:

- ADS Basics:
04.05.-06.05.2021 und 09.11.-11.11.2021
- ADS for Administrators:
18.05.-20.05.2021 und 16.11.-18.11.2021
- ADS Refresher:
26.05.-27.05.2021 und 24.11.-25.11.2021
- ADS on Eclipse:
09.06.-10.06.2021 und 24.11.-25.11.2021
- ADS What's new:
11.05.2021 und 30.11.2021
- Delta DETAB:
01.06.2021 und 02.12.2021

[Learn more about our trainings and workshops ...](#)

[Contact us](#) to discuss your requirements for a customised training.



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