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## Eclipse Plug-in visual rules:

### Accelerating Development of Rule-Based Systems that use RDBMS

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The new version of the Eclipse plug-in visual rules enables a strong productivity increase in the development of rule-based systems that use operational databases or a data warehouse. This is made possible through the use of a new extension to visual rules called Database Connectivity (DBC). The DBC-extension provides powerful action elements for executing database operations on all RDBMS having JDBC access. Users of visual rules can now develop the business logic and database access for their applications without having to write a single line of programming code!

The new version can be requested from the software company Innovations Softwaretechnologie: [www.visual-rules.com](http://www.visual-rules.com)

#### Easy Modeling of Database Access

visual rules combined with the DBC-extension follows an integrated modeling approach. The rule model now maps not only the business rules but also the access to relational databases. Action elements are then used for the selection and manipulation of data as well as for transaction control. It takes the developer just a few clicks to create the database access needed in the rule model. With the visual rules DBC, the developer can directly access the meta data of the databases used.

Volker Großmann, senior architect at Innovations Softwaretechnologie and responsible for the visual rules-product development, further explains: *“When developing an application, the Database Connectivity relieves the programmer of time-consuming and cumbersome tasks. Both as concerns the mapping of data structures and the coding of database operations. In developing a system for the rule-based matching of customer data with black lists, we have doubled our productivity. And even more impressively, this task was achieved by developers that had no previous experience in developing Java applications.”*

visual rules automatically generates Java programming code from the rule models, which can then be executed instantly. Optionally, it can be executed from within a J2EE application server. For high performance, the code can be processed in parallel.

## Free Evaluation

As of now, a free evaluation version of visual rules 1.2.1 with the Database Connectivity extension is available at:

[www.visual-rules.com](http://www.visual-rules.com)

43 lines with 60 characters per line

Innovations rule technology is patented (GBM 20014430).

visual rules is a registered trademark of Innovations Softwaretechnologie.

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Dear editor, if you would like more information, please do not hesitate to contact me:

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## About Innovations Softwaretechnologie

Innovations Softwaretechnologie specializes in developing intelligent rule based systems as well as distributed, network-enabled enterprise applications. In both areas, Innovations occupies a top position in the technology sector. Based on many years of experience, the company offers its clients extensive consultation, software design and development, as well as products to efficiently create such solutions.

As of today, the solidly growing company - headquartered in Immenstaad on the shores of Lake Constance in South-Germany - employs more than 70 highly qualified computer scientists and engineers. In the areas of retail, banking, and insurance, Innovations works for leading large-scale companies in Europe, such as Rewe, Quelle, Metro, Bausparkasse Schwaebisch Hall, Zuercher Kantonalbank, PostFinance and Cortal Consors.