Drive down development and maintenance time with Adelia Studio v12

Below is a brief overview of the numerous improvements in version 12 of Adelia Studio:

Web service

Both Visual Adelia and Adelia Web are now capable of consuming Web services using complex input parameters.

Autosuggest object in Adelia Web

The editable text box suggests a list of real-time matches for user input, helping to save time.

Split Bar object in Visual Adelia

Split the entire window – or part of the window – into several sections for an improved user experience. The object consists of one or more divisions, each split into two resizable views and separated by a horizontal or vertical bar.

Visual/Web Debugger

The left pane of the debugger features a tree view of the program structure, helping you to pinpoint your exact location in the source code view. The debugger now supports conditional breakpoints.

Version marker

The version marker simplifies the classification and organization process. Objects produced when Adelia iSeries, Visual Adelia or Adelia Web are generated can now be assigned application and program version number information.

Integrity constraints in the database

«Unique key», «foreign key» and «verification» integrity constraints can now be assigned to each logical entity. These constraints are generated in the target DBMS.

What's more, where the user has a CDM, Adelia can automatically suggest constraints derived from this CDM.

Benefits of Adelia v12

The new features of Adelia v12 are a sure sign of the solution's ROI. Here are just some of the benefits of the new version:

> Masks technical difficulties.

> Is both platform- and database-independent.

> Incorporates emerging technologies.

> Complies with market standards.

> Generates high-performance applications.

> Has a short learning curve.

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Quality management

Adelia is able to analyze program source code to extract quality metrics and programming rule exceptions for a group of programs.

Warnings and information messages are also treated as rule exceptions.

You can define your own metrics and rules, in addition to those provided by Adelia.

Adelia also provides a Sonar plug-in (an open-source software quality monitoring product developed by SonarSource) so that analysis results can be processed in Sonar.

Groupe **hardis**

Adelia Studio

Over the years, Hardis has continued to improve and upgrade its solutions, guided by an ambition to deliver a development tool that offers the very best balance between productivity, quality and performance. And with increasing demand from CTOs for proven ROI, the need to solve this conundrum has never been greater. That's why we have continued to adapt our Adelia multi-platform development tool to changing market demands since its launch back in 1988.

Adelia Studio's success is not just an indication of its quality. It also guarantees that the solution will be around for many years to come.

Main improvements to the 4GL Editor

> The Editor features a new vertical bar to the right of the source code, which shows verification errors/warnings in the current text as well as bookmarks.

> The «Highlight occurrences of the word» option has been added to the context-sensitive menu.

> The way in which editor tooltips are displayed has been improved in the interest of clarity.

> You can set your favourite logical server, as well as assign lines to or release lines from a logical server using a keyboard shortcut.

> You can now switch from a block start instruction to the corresponding block end instruction (and vice versa) using a keyboard shortcut.

> When entering your source code in the Visual/Web/Mobile programs, you can use a keyboard shortcut to switch to the declaration section of the current program, or to the program's global declaration, then return to your initial position.

> It is now possible to back up bookmarks placed in source code by a software engineer, as well as delete all such bookmarks.

Indexed lists in Visual Adelia/Adelia Web language

The «INDEX_LIST» declarative instruction can be used to define an index for a list.

Miscellaneous improvements

> In the correction manager, objects are deleted when corrections are approved.

> The installation manager now handles the AS/400 server parts.

> In the iSeries, Visual and Web layout managers, you can now assign or modify the logical origin of an existing layout field, either individually or globally.

> Adelia Studio now supports multiple monitor configurations, making it simpler to use and helping to improve your workflow. You can now configure the product's behaviour in your preferences.

> Adelia Middleware is now compatible with IPV6 addresses.

About Hardis Group

The Hardis Group was founded in 1984. It is both a software developer and an IT services company. Hardis is not like other companies. From the very outset, its growth has been founded on a pragmatic approach, local values and an unwavering commitment to both its customers and its employees. In fact, Hardis' founders continue to manage the company to this day, with 25% of its employees holding shares in the business and 100% of its workforce based on France.

Hardis focuses on seven major sectors – infrastructure and facilities management; development and third party application maintenance (TPAM); consulting and support for general contractors; decision-making solutions; logistics and transport (Reflex solutions); development tools (Adelia Studio); and payroll outsourcing (Saphyr software).

As a software developer, Hardis is capable of integrating its own solutions, and can also call on the services of a network of partners. Its consultants are experts in high-quality IT project methodologies (such as ITIL and CMMI).

Hardis posted turnover figures of €56 million in 2012. To date, the Group has more than 2,500 customers and employs 620 people. Its head office is located in Grenoble, with five other branches in Lyon, Paris, Lille, Nantes and Rennes.

Some of our customers

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