COBEE. The Eclipse-IDE for COBOL.

Advantages offered by COBEE

- ✓ Modernization of your COBOL development environment

- ✓ Enhanced productivity for your COBOL team

- ✓ Open, lean and adaptable alternative to proprietary COBOL development environments

- ✓ Increases interest in mainframes in your development trainees

- ✓ Your existing infrastructure is not affected

Turn your COBOL development system into an agile and reliable software factory

The Eclipse platform for Java offers so many obvious advantages that it is nearly unthinkable for COBOL developers to ignore it.

COBEE offers an agile and modern tool, easily integrated into mainframe environments without changes to existing infrastructure.

COBEE was developed in close cooperation with users. It therefore boasts a clear and intuitive user interface and helps new users to adjust.

{ The COBEE formula: Eclipse + COBEE + COBOL compiler = Dev³ }

COBEE is the most advanced open source COBOL-IDE for mainframe application development. COBEE combines the best of two worlds as it is based on Eclipse: it makes use of both the open source community's innovations and established mainframe processes.

Eclipse-IDE: *COBOL-IDE, JCL & Rexx Editor*

With the COBOL file editor, COBOL developers have access to the very best that Eclipse has to offer: swift and easy browsing through files with outline, syntax highlighting, automatic completion of variables, open declarations, notifications in case of compiling errors, code templates, change tracking, versioning … All of these functions have been customized to suit COBOL development perfectly. In addition to these practical functions, COBEE offers numerous special features such as a revision mode, making COBOL sources visible, support for the copy-replacing-function, adaptable tabulators, and CAPS ON just as for mainframe.

Local and external compiling: *COBOL-Compiler[1]*

The IDE's syntax check function enables developers to check the code syntax locally and without accessing the mainframe. This allows the delivery of faultless applications as well as the reduction of host accesses to a minimum. The final compile takes place on the mainframe and compiling notifications are provided to the developer locally within the IDE.

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[1]   A local compiler is not part of the development environment

Source code management: *CVS, SVN, ENDEVOR, ...*

COBEE can be fully integrated into any source code management tool (SCM) available under Eclipse. It allows development teams to easily import, export, compare, and combine different source codes. The simplified user interface makes source code management for mainframe developers child's play.

Editing mainframe data: *Z/Navigator*

Never has it been easier to browse a PDS, to edit Member, and to simultaneously test their integrity using ISPF. You can access your mainframe data via SSH, Telnet, or FTP.

Local and remote commandoes: *Command Interface*

A simple protocol enables the execution of scripts and mainframe communication with the help of scripts. It opens up new possibilities for high-performance add-ons. COBEE includes a whole range of local and mainframe REXX scripts.

3270 Terminal Emulator: *Je3270*

As 3270 continues to provide basic access for mainframe servers, COBEE includes an Eclipse terminal emulator.

What distinguishes COBEE

- ✓ Combines Java and COBOL in a single development tool
- ✓ Reduction in mainframe resources
- ✓ Agile project management
- ✓ Dynamic innovations of the open source community
- ✓ Comliance with common mainframe procedures
- ✓ Open and adaptable solution

Supported languages:

COBOL, CICS, DB2, IMS/DB (DL1), JCL, REXX

Supported environments:

IBM z/OS, i-Series LINUX, Unix, and Windows

Source management:

CVS, SVN, Dimensions, Endevor, Git ...

About EasiRun

EasiRun is a technology partner for challenging and complex modernization projects in the field of COBOL-centred business applications. EasiRun supports its clients with products, tools, individual solutions, and know-how throughout the modernization project and beyond.

Information on this and other products can also be found by visiting http://cobee.easirun.com

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