

ATX TECHNOLOGIES COBOL studio

COBOL STUDIO is an Integrated Development Environment (IDE) for the development and quality assurance of COBOL applications.

What and Why

COBOL STUDIO is a modern, visual, desktop-based IDE that:

- Relieves the mainframe from unnecessary development loads;
- Boosts the productivity of developers;
- Captures and disallows bad COBOL programming practices during development;
- Enables significantly easier system maintenance and optimization.

Features

COBOL STUDIO provides an extensive set of features that constitute a major breakthrough in the development and maintenance of COBOL applications. Such features include:

Cobol Editor

COBOL STUDIO provides functions found in modern development environments in addition to specialist functions, such as:

- Local code editing;
- Code browsing and structure navigation;
- Code auto-completion;
- Syntax highlighting;
- Automatic line numbering;
- Bookmarks and templates.

Certification

Quality Assurance of code is provided by the integrated Q-Care engine, ATX Technologies' solution for automated code certification at development time. This feature:

- Captures and disallows bad programming practices before compilation;
- Includes a comprehensive set of standards that implement, besides others, IBM recommendations for code tuning and optimization;
- Enforces optimization of COBOL programs with respect to DB2 access.

Syntax Validation

COBOL STUDIO offers the capability to validate syntax offline and navigate through the results easily.

Remote Compilation

COBOL STUDIO offers the capability to invoke the mainframe compiler remotely in an integrated and transparent way. In addition, the compilation results are visualized in a user-friendly way.

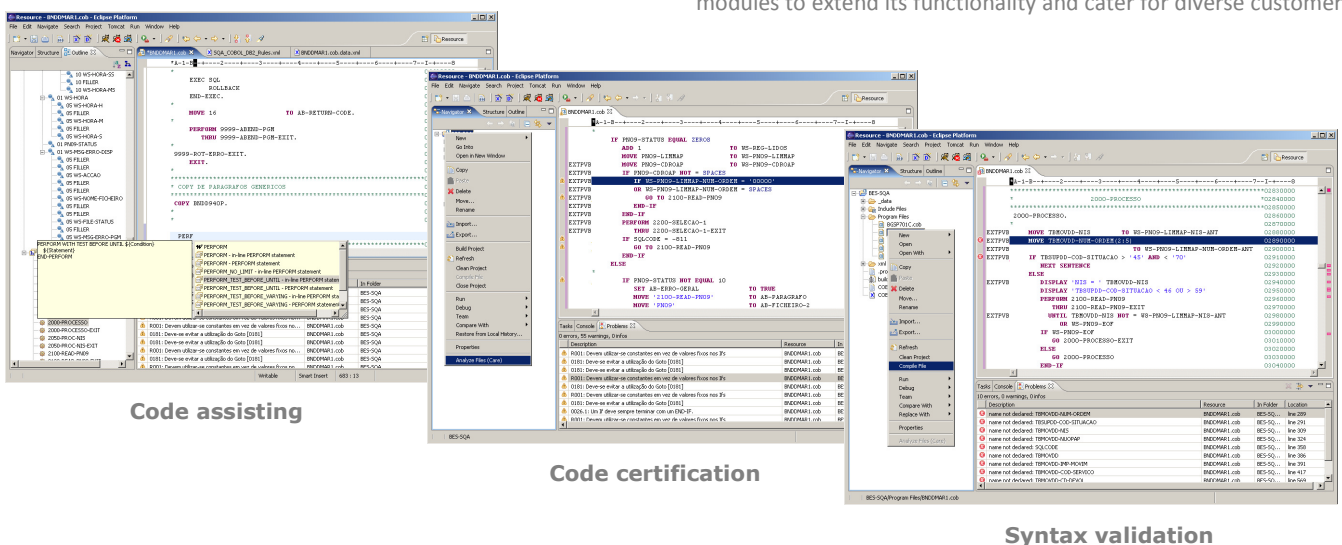
Optionally, COBOL STUDIO can disallow compilation requests if the code has not been certified to enterprise standards.

Integration

COBOL STUDIO is integrated with the CVS code management system and can be easily integrated with other systems, e.g. Serena ChangeMan Dimensions.

Extensibility

COBOL STUDIO can be extended with a range of widely available modules to extend its functionality and cater for diverse customer



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