

DATA SHEET

ACUBENCH®

Business Challenge

There is enormous pressure on IT departments to reduce operating costs and improve performance and drive efficiencies throughout the business. One of the main challenges is to improve the programmer productivity. COBOL programming talents are valuable resources, and the time and resources spent on COBOL development and maintenance can have major cost implications for IT operations. A COBOL development environment that automates many programming tasks, including generating COBOL code itself, can ease the learning curve for new COBOL developers, as well as increase the productivity of experienced COBOL developers.

Product Overview

The AcuBench integrated development environment (IDE) offers a graphical interface to all the tools in the ACUCOBOL-GT development system, along with specialized code generation tools that help you increase productivity and decrease time to market.

Work with code in an easy-to-customize editor that recognizes ACUCOBOL-GT syntax, includes special tools for manipulating code, provides code completion help for finishing COBOL phrases, and gives you an interface for adding template paragraphs to your code with a simple keystroke.

Design screens using a drag-and-drop, WYSIWYG interface, then let AcuBench generate the Screen Section code needed to DISPLAY and ACCEPT the screen. Use a similar interface to create graphical reports, then let AcuBench generate the code to create and print the report.

Key Benefits

- Easy to use, Acubench helps your development team to perform all development tasks from design and coding to testing, and debugging in a single integrated environment
- With specialized designers for creating screens, reports, working-storage, linkage section, data descriptions and data handling code, Acubench provides your developers with a greater efficiency
- Acubench helps your development team to increase their productivity.

Detailed Feature Overview

AcuBench extends and enhances the ACUCOBOL-GT development system with a developer-friendly graphical environment.

PROJECT MANAGEMENT CAPABILITIES

Projects and their programs exist within a standard workspace organization, simplifying project development and management. The Workspace window contains three different views of your projects, reflecting different approaches to your code. The Structural View shows programs that contain AcuBench-generated code and provides access to the graphical designers. The File View lists all files in each project (including COPY files and resources), grouped by type. The Data View lists the data files associated with each project.

GRAPHICAL AND CHARACTER BASED SCREEN DESIGNER

Create and maintain both graphical and character-based screens for your application using a WYSIWYG, drag-and-drop interface, then direct AcuBench to generate the Screen Section and Procedure Division code needed to display the screen.

GRAPHICAL AND CHARACTER REPORTS DESIGNER

Design sections of a report using a drag-and-drop graphical designer and have AcuBench generate report code into an ".rpt" COPY file. Graphical reports are generated in HTML format; character reports are simple, text-only, line sequential files.

SPECIALIZED DESIGNERS TO FACILITATE AUTOMATED CODE GENERATION

Work in easy, graphical interfaces, that have AcuBench generate code Working-Storage and Linkage sections items, file description (".fd") and SELECT (".sl") COPY files, XFD declaratives, user-defined I/O paragraphs and other program elements.

AUTOMATED COBOL CODE COMPLETION CAPABILITIES

An optional code completion prompt provides lists of options for completing some COBOL statements. You can also create code templates from frequently used routines for insertion into your code.

ACUCOBOL-GT THIN CLIENT SUPPORT

With the thin client, you can maintain server-based applications on a remote UNIX®, Linux®, or Windows® server while using AcuBench for program development and maintenance. Centralize application maintenance while adding flexibility to your development environment.

INTEGRATED SOURCE-LEVEL DEBUGGER

The AcuBench integrated debugger lets you edit code while debugging, and provides graphical interfaces for monitoring variables and memory usage, displaying tracing, and call stack information, and more.

SCREEN IMPORT CAPABILITIES

Import existing character-based and graphical screens into the Screen Designer. This can facilitate the process of converting character screens to graphical format, and help you create screen templates to standardize the look and feel of your user interface.

SUPPORT FOR ACTIVEX AND .NET

Add ActiveX controls and .NET assemblies to your applications, along with standard controls. With a design-time license, ActiveX controls can be drawn on the screen form and edited through a Property window, just like standard controls.

Other Key Features

- **Context-sensitive help:** Highlight a subject and press F1 for an automatic display of help from the online manual
- **Auto-load feature:** Automatically generate the code to load data into your list boxes, combo boxes, paged grids and paged list boxes
- **Boomerang** provides tools to manage source code and pre-compile applications using embedded SQL on remote servers.

Product Specifications and System Requirements

Windows® XP, Windows Vista™, Windows Server 2008, Windows Server™ 2003, or Windows 2000.

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