

The new face of COBOL™

ACUCOBOL-GT® a product of ACUCORP®



As the core component of Acucorp's *extend*® family of solutions, the robust, ACUCOBOL-GT development system features a compiler, runtime, the Vision indexed file system, support utilities and a source-level, interactive debugger. The system's primary technology is its fast and accurate single-pass compiler, which generates executable code from sources written in ACUCOBOL-GT and a number of common COBOL variants.

ACUCOBOL-GT produces compact, machine-independent object code or, optionally, native object code for Intel and SPARC processors. Compiled code is portable to more than 600 different platforms and several operating systems. Ported objects do not need to be relinked, whether the object is machine-independent or native code.

Native code and machine-independent objects can be mixed within the same application, allowing developers to compile the code to best suit the needs of the program—optimizing the application's performance.

Source Code Compatibility

Several options are available to aid in converting from other COBOL environments. In addition to options that provide control over such elements as source file format, reserved words handling and data storage, ACUCOBOL-GT offers general compatibility with:

- ! RM/COBOL-85 (ANSI 85)
- ! RM/COBOL-Version 2 (ANSI 74)
- ! ICOBOL
- ! VAX™ COBOL
- ! IBM DOS/VS COBOL
- ! HP COBOL II/XL

Different compatibility modes can be executed within the same application. Although Acucorp's technology makes conversion easier, some changes to the application code may be required.

Object Portability

Applications built for deployment on multiple platforms can be developed and maintained with a single set of source code, requiring only one compilation. For example, applications developed for UNIX can also run on a Windows workstation without recompilation.

Vision Indexed File System

Vision is tightly integrated with all ACUCOBOL-GT components, offering functionality comparable to other commercial indexed file systems, but with additional features and performance enhancements. (Not available with OpenVMS)

Data Source Flexibility

ACUCOBOL-GT allows you to choose from a variety of file and database management systems including ISAM file system support for: Pervasive.SQL, KSAM and C-ISAM. Adding Acucorp's Acu4GL™ provides access to RDBMS systems such as Oracle®, Microsoft® SQL Server, DB2® and ODBC-compliant data sources. With AcuSQL™, you can embed SQL queries in your COBOL program, giving your applications access to SQL-compliant data sources.

Graphical Technology

A comprehensive set of COBOL extensions for programming and managing graphical user interfaces is included. With these extensions, a developer can add a full-featured native GUI to an existing program entirely in COBOL.

ActiveX and OLE

ACUCOBOL-GT gives developers the ability to use most ActiveX and Object Linking and Embedding (OLE) objects in their programs.

Thin Client Technology

Acucorp's Thin Client technology allows ACUCOBOL-GT programs running on UNIX/Linux or 32-bit Windows servers to present a full Windows GUI on Windows PCs networked with TCP/IP.

Internet Deployment

Acucorp offers several technologies to simplify the deployment of ACUCOBOL-GT applications on the Internet. The same application that is running now at headquarters can quickly be made available to remote clients, distributors, or employees—without cumbersome changes to the program.

Client-Server Enabled

ACUCOBOL-GT applications can easily acquire full back-end, client/server support for all Vision indexed, sequential or relative files with AcuServer™. AcuServer provides network file access support for UNIX/Linux and 32-bit Windows systems connected via TCP/IP.

Supported Platforms

- ! Windows 95, 98, ME, NT, 2000, XP
- ! Windows NT Server, 2000 Advanced Server, 2000 & 2003 Server
- ! MS Windows Terminal Server/Citrix
- ! HP-UX 10.20, 11.0, 11i, and 11.22i (32- & 64-bit)
- ! SCO UNIX Open Server (5.0.0, 5.0.4, 5.0.5, 5.0.6) ELF
- ! SCO UNIX V.3 R2.4
- ! SCO UnixWare 7.0 ELF
- ! UNIX SVR4v3 (MP-RAS 3.x)
- ! Solaris 2.6 (x86 PC/Intel)
- ! Solaris 2.4, 2.5, 2.6 (Sun SPARC)
- ! Solaris 7.0, 8.0, 9.0 (Sun SPARC 32- & 64-bit)
- ! Solaris 7.0, 8.0 (x86 PC/Intel, 32-bit)
- ! Linux (glibc 2.0, 2.1, 2.2, 2.3) - x86 PC (Intel)
- ! Linux (glibc 2.1 and 2.2) - IBM (S/390)
- ! Linux (libc 5) - Intel
- ! AIX 4.1, 4.3 (32-bit)
- ! AIX 5L (32- & 64-bit)
- ! MPE/iX 6.0 (HP e3000)
- ! Open VMS operating systems

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