extend

Few data centers have the luxury of a single platform for all business applications. Whether as a result of business change events, mergers and acquisitions or digital transformation programs, the modern data center requires core systems to support a wide variety of deployment platforms. But, this new complexity, if not managed properly, can increase cost and risk for the enterprise. *extend* delivers a flexible and productive application development environment alongside a highly portable deployment architecture—designed for business applications written in **ACUCOBOL**.

Product Highlights

The **OpenText™ *extend*** portfolio enables developers to build and deploy OpenText™ ACUCOBOL applications across desktop, web and mobile platforms using **OpenText™ ACUCOBOL-GT**, **OpenText™ AcuBench,** the **Micro Focus™ Visual COBOL by OpenText™ Virtual Machine** and a full suite of application modernization solutions.

Application developers and ISVs require application portability and powerful tools that enable them to create new value for their end users. ISVs must also deliver a solution with a low cost of entry, enabling faster multi-platform deployment to new markets and new customers. ACUCOBOL-GT provides the ideal language for creating portable cross-platform solutions.

The latest version of *extend* offers new development capability using **AcuBench**, wider platform support, new performance optimizations, Unicode internationalization support and a *NEW* capability for instant UI transformation for web and mobile access— **OpenText™ AcuToWeb**.

Business Benefit

extend enables business organizations to re-use their core application investments built on ACUCOBOL technology. Now future proof those investments with a new and exciting roadmap from OpenText! Discover a fast, low risk path to application modernization and mobility by leveraging your existing ACU-COBOL-GT applications alongside the latest technologies.

Whether you're maintaining mission critical applications or moving into new markets, the latest version of *extend* offers new solutions to keep you up-to-date and ready for innovation.

Feature Overview

- Instant UI transformation of ACUCOBOL applications enabling access to web or mobile platforms using **AcuToWeb**
- Rapid application deployment to new markets using multinational UNICODE support
- Deploy ACUCOBOL applications to all major Windows, UNIX and Linux operating environments
- Deliver a modern and mobile end user experience through the use of graphical and web technology
- Manage application deployment with ease using flexible, client/server user interface technology
- Access, analyze and report on business data using data modernization tools enabling secure and standards-based access to Micro Focus™ Visual COBOL data files (and the Vision File System).

Platforms

- Windows—XP, Vista, 7, 8, 8.1, 10
- Windows Server 2008 R2, 2012 R2, 2016, 2019

Operating System requirements vary depending on the specific platform but include:

- IBM pSeries running AIX 6.1, 7.1, 7.2— 32 and 64 bit
- X86 running Linux PowerPC (glibc 2.x)— 32 and 64 bit
- X86 running Linux (glibc 2.x)—32 and 64 bit
- PA-RISC running HP-UX 11.31, 11.23, 11i— 32 and 64 bit
- HP Itanium running HP-UX 11.31, 11.23i v2— 32 and 64 bit
- SPARC running Solaris 10, 11—32 and 64 bit

"*extend* has delivered numerous functional improvements for us—especially in the areas of application debugging, compilation, bug tracking and update options. We are delighted with the new ACUCOBOL-GT development capabilities within *extend*."

OLIVER WESTFEHLING
Chief Executive Rainer
Obermeit Planning and Data Technology

- Fast integration of ACUCOBOL applications with Java, C, COM and .NET objects
- Combine Micro Focus™ Visual COBOL with XML to enable applications to read, write and process XML data
- Manage source code and compile applications on remote servers using Boomerang

Detailed Feature Overview

Compatibility and Portability
Compiler options deliver compatibility with RM/COBOL, ICOBOL, VAX COBOL, IBM DOS/VS COBOL, and HP COBOL II/XL. Object modules created by the ACUCOBOL-GT system can be deployed to hundreds of platforms without change using the Micro Focus™ Visual COBOL Virtual Machine.

Native Code
ACUCOBOL-GT generates compact, machine independent object code or, optionally, native object code for Intel, PA-RISC, PowerPC, and SPARC processors.

New in Version 10.4
The latest release offers Full JavaScript support for **AcuToWeb** and a New JSON Parse and Generate feature.

Flexible Data Access Options
The ACUCOBOL Vision file system provides high performance Micro Focus™ Visual COBOL VSAM file storage. This data can be accessed by non-COBOL applications which have ODBC or JDBC interfaces using **OpenText™ AcuXDBC** options. For COBOL applications that must access data within a relational database, **OpenText™ Acu4GL** allows full access using traditional COBOL file I/O semantics (READ, WRITE, etc.).

Graphical User Interfaces
The GT in **ACUCOBOL-GT** refers to "Graphical Technology." ACUCOBOL-GT provides extensions to the COBOL ACCEPT/DISPLAY and SCREEN SECTION syntax to naturally incorporate graphical user interface controls such as menu bars, buttons, and windows in applications. These user interfaces can be displayed on remote systems using the ACU Thin Client.
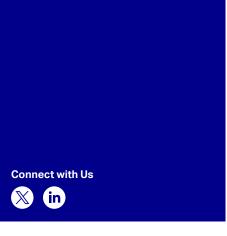
Web and Mobile Access
AcuToWeb delivers a NEW capability for ACUCOBOL-GT and character applications enabling instant UI transformation for web or mobile access—without code change. Deliver new user interfaces using leading web or mobile platforms. Use AcuToWeb to deliver a modern user experience to ACUCOBOL applications on-the-fly and with ease.

Products

- **AcuToWeb:** Instantly transform ACUCOBOL-GT and character applications enabling access to web and mobile platforms

- **ACUCOBOL-GT:** Core COBOL development system with modern COBOL standards support and rich user interface syntax extensions

- **AcuBench:** Windows Integrated Development Environment (IDE). Now included with the compiler in version 10

- **AcuConnect:** Thin Client technology to deliver rich user interfaces with small client footprint in client/server applications. The Web Thin Client exposes user interfaces within web browsers for maximum flexibility

- **Acu4GL:** Patented technology providing COBOL syntax access to relational databases

- **AcuXDBC:** ODBC & JDBC access to ACUCOBOL data files (the Vision file system) unlocking the previously hidden COBOL data to business applications such as Excel, Access or Business Objects

- **AcuSQL:** Embedded SQL support. Now included in version 10

- **AcuServer:** Client/server distributed access to COBOL data in the Vision file system

- **Xcentricity Business Information Server for extend:** Web Server environment for your ACUCOBOL-GT applications to deliver Web applications and Services

Learn more at
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