Rocket software ®

Rocket® *extend*

(Formerly a Micro Focus® product)

™

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. Rocket® *extend* delivers a flexible and productive application development environment alongside a highly portable deployment architecture — designed for business applications written in Rocket®**ACUCOBOL***.

Product Highlights

The Rocket® ***extend*** portfolio* enables developers to build and deploy Rocket **ACUCOBOL** applications across desktop, web and mobile platforms using Rocket®**ACUCOBOL-GT®***, Rocket® **AcuBench***, the Rocket® **COBOL 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. Rocket **ACUCOBOL-GT** provides the ideal language for creating portable cross-platform solutions.

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

Platforms

Windows 8, 8.1, 10, 11.

Windows Server 2016, 2019, 2022.

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

- IBM® pSeries running AIX 6.1, 7x—32 and 64 bit.

- X86 running Linux PowerPC (glibc 2.x)—32 and 64 bit.

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- 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.

Business Benefit

Rocket *extend* enables business organizations to reuse their core application investments built on Rocket **ACUCOBOL** technology. Now future proof those investments with a new and exciting roadmap from Rocket! Discover a fast, low risk path to application modernization and mobility by leveraging your existing Rocket **ACUCOBOL-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 Rocket **ACUCOBOL** applications enabling access to web or mobile platforms using Rocket **AcuToWeb**.

Rapid application deployment to new markets using multinational UNICODE support.

Deploy Rocket **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 COBOL data files (and the Vision File System).

Fast integration of Rocket **ACUCOBOL** applications with Java®, C, COM and .NET objects.

Combine COBOL with XML to enable applications to read, write and process XML data.

Manage source code and compile applications on remote servers using Boomerang.

Products

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

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

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

Rocket®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.

Rocket®Acu4GL®: Patented technology providing Rocket COBOLsyntax access to relational databases.

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

Rocket®AcuSQL: Embedded SQL support. Now included in version 10.

Rocket®AcuServer: Client/server distributed access to COBOL data in the Vision file system.

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

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 **Rocket ACUCOBOL-GT system** can be deployed to hundreds of platforms without change using the Rocket COBOL Virtual Machine.

Native code

Rocket **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 Rocket **AcuToWeb** and a New JSON Parse and Generate feature.

Flexible data access options

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

Graphical user interfaces

The **GT** in Rocket **ACUCOBOL-GT** refers to "Graphical Technology." **Rocket 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 Rocket **ACUCOBAL** Thin Client.

Web and mobile access

Rocket **AcuToWeb** delivers a NEW capability for Rocket **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 Rocket **AcuToWeb** to deliver a modern user experience to Rocket **ACUCOBOL** applications on-the-fly and with ease.

* Formerly Micro Focus® products.

Rocket® software

Modernization. Without Disruption.™

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