

# RM/COBOL Compiler and Runtime System

## The Industry Standard Compiler for 30 Years

In addition to its new Windows capability, RM/COBOL provides 100 percent source, object, and data file portability, making it the industry standard COBOL compiler for creating portable, commercial applications. RM/COBOL gives independent software vendors, value added resellers, and in-house developers a means to distribute applications across platforms and operating systems with a minimum of programming and maintenance.

## Runtimes Allow For Easy Portability

The foundation of RM/COBOL's portability is its system of runtime environments, which enable the program to operate across a variety of platforms. This system gives your application the flexibility to stay current with constantly evolving hardware and operating system technologies. To develop an application, the programmer uses a combination of the standard RM/COBOL compiler and a platform-specific runtime that end-users employ. RM/COBOL compiles to an architecture-neutral, intermediate source code, which is executed by the runtime. If end-users wish to run the application on a different platform, all they have to do is add another runtime. This runtime reads the same code as the original, so no recompiling is necessary. Thus deployment is both easy and cost effective.

## RM/COBOL Features

- Error-free, high-level compliant under both the ANSI 85 and ANSI 74 standards
- The only true "RM/COBOL-compatible" compiler
- Source, object, and data file portability across DOS, Windows, and UNIX environments
- Fast, efficient I/O performance, data and key compression, complete blocking, and buffer control
- Powerful extensions to ANSI standards with full record locking for multi-user applications
- Full color support
- Pop-up window support
- Comprehensive development environment and access to alternate file systems
- Industry-leading reliability
- Instrumentation - expose bugs, pinpoint unexecuted code, and optimize program flow.
- Data Conversion - convert data files from previous versions to newest RM/COBOL.
- Data Recovery - recover indexed files or extract the data records from the file.
- MAP - look inside COBOL object and library files to see memory usage and compilation information. Examine data files to discover their structure.
- Define Index - create an indexed file to alter a program's default characteristics.
- Windows-specific Utilities - attach a configuration file to an RM/COBOL command processor file; convert an RM/COBOL Windows initialization file and place its contents into the Windows registry database; and modify the configuration options for one or more COBOL programs.

## Windows Features

- Full Application Portability - display applications under Microsoft Windows with new runtime.
- Pop-up Windows Support – create true windows under Microsoft Windows.
- 32-bit Memory Management - run large programs; there are no DOS memory limitations.
- User-selectable, Auto-scaling Fonts - fonts automatically adjust size to fit their window.
- User-configurable Toolbar - create custom toolbars for your COBOL application with the new toolbar button editor.
- Full Color Support - define your COBOL colors using RGB color schemes
- Pulldown Menus - select menu items with a mouse for true Windows feel.
- Pop-up Menus - allow right mouse button to pop up a menu
- Cut, Copy, and Paste - move data between COBOL programs and Windows applications.
- Printer Spooler Support - queue management for Windows-supported printers.
- Application Integration - access C and C++ programs through a DLL interface
- Call "SYSTEM" Capabilities - call MS-DOS or Windows programs from your COBOL application.
- Scroll Buffer Support - text scrolled off the top of the screen can be viewed by using scroll bars.
- Extensive GUI Wrapper - define pulldown menus, pop-up menus, status bars, toolbars, and logo screens without changing your object code.

## Additional Features

- Multi-user file and record locking
- Pipes and redirection
- terminfo support in addition to termcap
- Execution time mapping of file-names
- Exit status
- Direct calls from COBOL to C

## About Micro Focus

Micro Focus, a member of the FTSE 250, provides innovative software that allows companies to dramatically improve the business value of their enterprise applications. Micro Focus Enterprise Application Modernization and Management software enables customers' business applications to respond rapidly to market changes and embrace modern architectures with reduced cost and risk. For additional information please visit [www.microfocus.com](http://www.microfocus.com)

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