

DATA SHEET

RM/COBOL®

Business Challenge

COBOL applications are at the heart of many IT organizations' portfolios. Independent software Vendors (ISVs) are looking for solutions which maximize their business opportunities. RM/COBOL gives them, value added resellers, and in-house developers a means to distribute applications across platforms and operating systems with a minimum of programming and maintenance. When taking products to market, ISVs specifically look for the portability of the application, consistent and powerful development tools across many operating systems, hardware platforms, and a low cost of entry. COBOL provides the ideal language for creating portable cross-platform solutions.

Product Overview

The RM® Product Set includes a comprehensive portfolio of integrated tools that enables you to maintain a single set of source code while deploying applications on the most popular open platforms. You retain the reliability of COBOL while integrating existing applications with today's cutting edge technologies.

It's all possible with a comprehensive suite of solutions from Micro Focus, which support the best of existing systems and open platforms, providing an easy path to integrate, modernize, and transform your COBOL applications. Micro Focus technology enables the separation of the presentation and logic layers of an existing application. This allows different interface technologies to access the same application and data for true distributed computing across the enterprise.

Key Benefits

- First step to distributed, client/server - supporting an evolutionary path forward
- Portability to open system platforms (UNIX, NT, and DOS/WIN) - maintaining one code base
- Preserve existing application logic, taking advantage of new technologies
- Respond to user demand for graphical user interfaces
- Reduces time to market, return on investment (ROI) pressures
- Proven, time-tested - 1200 ISVs moving their business forward with 3 million runtimes in use

Detailed Feature Overview

In addition to its new Windows capability, RM/COBOL provides 100 percent source, object, and data file portability, making it an 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.

COMPATIBILITY AND 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.

DATA MANAGEMENT

- Fast, efficient I/O performance, data and key compression, complete blocking, and buffer control
- Comprehensive development environment and access to alternate file systems
- Powerful extensions to ANSI standards with full record locking for multi-user applications
- Conversion of data files from previous versions to newest RM/COBOL
- Data Recovery - recover indexed files or extract the data records from the file.

WINDOWS FEATURES

- Full color support
- Pop-up windows Support

- Create true windows under Microsoft Windows
- 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
- Move data between COBOL programs and Windows applications
- Printer Spooler Support, queue management for Windows-supported printers.

INTEROPERABILITY

- Application Integration
- Access C and C++ programs through a DLL interface
- Call "SYSTEM" capabilities, call MS-DOS or Windows programs from your COBOL application
- Direct calls from COBOL to C.

Other Key Features

RM/COBOL's runtime system is the core component of a suite of products, other solutions include:

RM/INFOEXPRESS

Remote File Sharing and Management

RM/InfoExpress is a powerful file transfer mechanism that optimizes shared access to remote RM/COBOL data files across the network

WOW EXTENSIONS™

Windows Object Workshop

WOW Extensions gives you an easy-to-use, integrated development environment that supports screen design, coding, compiling, and testing in a modern visual environment.

INSTANTSQL™

Database Access with RM/COBOL

InstantSQL provides a simplified way of using popular relational databases directly from within your RM/COBOL application.

RELATIVITY®

ODBC access to Micro Focus and RM/COBOL data

Relativity allows core data from sophisticated Micro Focus or RM/COBOL applications to be re-tooled as a full-featured relational database. The data can then be joined with other disparate data and accessed by Windows-based tools seamlessly and transparently.

XCENTRISITY®

Web Server environment for your RM/COBOL applications

BIS offers application developers an opportunity to build Service Oriented Architecture (SOA) applications incorporating legacy business data and logic freely mixed with the latest web languages and tools.

Product Specifications and System Requirements

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

For additional information please visit: www.microfocus.com

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