

CA VMLIB® r3.2

CA VMLIB® IS A SOURCE LIBRARY SYSTEM FOR THE CMS ENVIRONMENT WITH DIRECT INTERFACE TO THE z/VSE OR z/OS PRODUCTION ENVIRONMENT.

Overview

CA VMLIB is a file management system that provides control of source code accessed by multiple users and tracking of changes to that source code.

Benefits

CA VMLIB provides a facility to manage the development process from initial coding through testing, validation and production. CA VMLIB enables source code and load module synchronization in any production environment supported under z/VM.

The CA Advantage

Managing source code in an ever-growing software development scenario is a critical task, as over the years businesses have accumulated a large number of source code for their day-to-day operations. With CA VMLIB, you can control and track the source code being changed and moved through various development phases.

Track and Control Your Source Code with Confidence

CA VMLIB controls and enhances the powerful CMS environment. Using a single library of source members, it prevents multiple versions of source and object code. Further, because CA VMLIB can store data in compressed format, it saves disk space.

The CA VMLIB audit trail feature permits complete control of source members. It works independently of any editor and controls changes by means of a file management interface.

CA VMLIB controls access to JCL and EXECs. The JCL (or EXECs) are optionally specified in the configuration file. These JCL files are stored in CA VMLIB and contain a substitutable language. By providing the substitutable language within CA VMLIB to insert accounting and other information into the JCL, CA VMLIB permits the installation to set up maintenance procedures where the JCL is completely transparent to users.

CA VMLIB wraps routing and JCL information around programs based on the subcommand used and the configuration file information. This allows complete control of access to source for other operating systems.

Key Capabilities

- Storage of all CA VMLIB members as standard CMS-format files.
- Storage of all member files on CA VMLIB-owned minidisks with member file access through CA VMLIB system commands.
- Prevention of multiple update access and possible loss of changes to member files.
- No CP/CMS modifications necessary.
- Up to nine levels of security — definable by user class, individual user, application access and individual CA VMLIB member.
- User-Defined Development Cycle (UDDC). The UDDC provides the flexibility to define the level of complexity of the development or maintenance cycle for any filetype. This flexibility provides everything from simple CHECKOUT and CHECKIN subcommands to the full range of powerful CA VMLIB maintenance subcommands.
- Automatic audit trail of all CA VMLIB transactions.
- Hard-copy reports and terminal displays to review system activity and member status.
- Optional Delta file storage to recreate previous maintenance levels. This allows you to back out a failing program and to reinstate the previous version.
- Optional compressed data storage for disk space savings.
- Optional wrap-around JCL or EXEC submission with substitutable parameters to other virtual or real machines. This helps synchronize source and object code.
- A cross reference for COPY/INCLUDE source members or the names of the members where they are used.

What's New in CA VMLIB r3.2

CA VMLIB r3.2 incorporates the following enhancements:

- Provides Shared File System support
- Permits customization of the CA VMLIB reports using REXX procedures
- The LOOK subcommand has been enhanced to enable cross-reference reporting for PARENT elements
- An integrated SCAN subcommand has been added to permit scanning of CA VMLIB elements residing on home disks
- An optional full-screen, menu-driven interface was added to permit users to perform CA VMLIB subcommands from selection panels

The CA Advantage

CA VMLIB enables you to simplify and unify your source code management. As a key library management solution, CA VMLIB is also an integral part of the CA's Enterprise IT Management vision to unify and simplify enterprise IT management. To maximize the performance, reliability and efficiency of your overall IT environment means tightly integrating the control and management of additional functions, including operations, storage, security, life cycle and services management. CA's comprehensive portfolio of modular IT management solutions helps the enterprise unify, simplify and secure IT to better manage risk, costs and service — helping ensure that IT meets the business needs of the enterprise.

Next Steps

CA VMLIB provides source code management from testing to production. CA continues to advance this product as a comprehensive library management solution, delivering new enhancements and integration with other CA products, continuing to seek opportunities to add value for our customers and partners.

To learn more, and see how CA software solutions enable organizations to unify and simplify IT management for better business results, visit ca.com/products.