



Online library management

Optimize your VSEⁿ library maintenance and data management

Powerful and flexible VSEⁿ library system maintenance and data management

Designed specifically for VSEⁿ, Libra will help you to overcome the limitations of native library system access by:

- Providing a full range of library system facilities that are accessible from a user-friendly online interface
- Allowing multi-environment access from CICS, VTAM or CMS
- Enhancing accessibility and control of sub-libraries and members across the entire library system
- Providing powerful editing facilities for data management
- Improving member management through easy-to-use filtering and tagging functions
- Enhancing operational control through a flexible and secure job submission facility
- Delivering comprehensive security capabilities down to member level

Comprehensive library system management

The VSEⁿ library system holds and maintains members that are used in the running of the operating system. These would typically include executable programs, procedures and some source members that may be accessible across separate VSEⁿ systems.

Native access of library system facilities is restricted to batch only. Libra addresses this restriction and, at the same time, greatly enhances the availability of the library system through online access to a menu or command-driven set of displays.

All the standard librarian commands are available along with a series of Libra commands that provide for more flexible and efficient use of the system.

This approach greatly improves use of the library structure as a data repository. Comprehensive editor functions and member integrity controls are provided to enable a full data management system to be implemented.

Execution of commands against multiple members from more than one sub-library

Powerful online editing facilities for data management

Extensive access security and control

Library access

Access is provided at the library, sub-library and member levels, allowing immediate display and, if required, updating or deleting.

Libra provides library system access from a variety of environments, including CICS, VTAM or CMS.

Librarian functions and enhanced Libra commands

All standard librarian functions are available from the Libra displays as online commands rather than being invoked from batch, providing greater efficiency as a result.

A filtering facility allows the display of sub-libraries or members to be restricted to those required. Member lists can be displayed from multiple sub-libraries simultaneously.

A tagging facility allows commands to be executed against multiple members from more than one sub-library if required. Sorting facilities enable member lists to be displayed in a variety of different ways. Compare and search commands are available across libraries, sub-libraries and members. Printing facilities are also available.

Data management editor

A full screen editor allows the library system to be used as a data management tool as well as providing the means to update standard library members. This facility includes a prefix area allowing block commands in addition to a command line.

Multiple members may be edited simultaneously, using a command to switch between them.

Integrity management is provided to prevent multiple write access to members.

Extended capabilities

Libra commands can be grouped in a single library member and then executed by entering the member name as part of a RUN command or implicitly just by member name.

A job submission facility is available to allow jobs to be sent directly to the VSEⁿ system.

Libra has a fully integrated online help facility. Full PF key support is available, with separate definitions for different displays if required. Libra provides full national language support, including double byte character sets.

Enhanced system functions

Members can be easily exported to, or imported from, CMS. A subset mode allows switching between Libra and CMS. Line command mode allows Libra commands to be passed directly from CMS.

Libra's system management facilities show VTOCS, partition maps, labels and library chains. The SDL can be displayed as a list and individual members viewed in storage. Core storage can also be displayed.

A zap facility allows changes to phases along with an undo command to reverse zaps that have been applied. Phases can be viewed in dump, hex, character or instruction format.

Enhanced control and security

User profiles provide system access with a predefined scope of use. Profiles can be defined to allow different users to access separate sets of libraries and to prevent access where applicable.

A security exit can also be used to control user access down to the member level and to control use of commands.

Trademarks and registered trademarks: www.macro4.com/trademarks

Please contact us for more information:

USA Tel: +1 973 526 3900 Email: market.usa@macro4.com
Europe Tel: +44 1293 872000 Email: market@macro4.com

© Copyright 1995–2023 All Rights Reserved. Macro 4 Limited – a division of UNICOM Global.