



serena
FULL • CYCLE™
MAINFRAME

StarTool®

COMPREHENSIVE VSAM EDITING

In today's MVS data centers application programmers spend a significant amount of their time working with VSAM files. Despite the pervasiveness of VSAM files, current methods for VSAM file editing are cumbersome and inefficient.

Because VSAM constitutes such a large part of application programming tasks, it is important to utilize tools that provide extensive data editing functionality while maximizing user productivity. To meet deadlines and productivity objectives, application programmers must be able to quickly and easily create test data, resolve production problems and make global character changes to files without having to write and debug one-time programs or learn multiple batch utilities.

StarTool® provides a powerful, full-screen environment for displaying and editing VSAM data sets. An on-line IDCAMS facility, built into StarTool, offers programmers a complete workbench of tools specifically designed to manage VSAM data sets and file structures. With StarTool, users can selectively edit or browse VSAM records and edit PDS or flat files with record lengths up to 32K bytes.

EXTENSIVE DATA EDITING CAPABILITIES

Consolidated in StarTool's SuperEdit™ function is the most comprehensive offering of editing capabilities for complete file and data management available. By using StarTool's SuperEdit capability, programmers can perform a broad range of editing functions. With SuperEdit, users can create test data without writing and debugging one-time programs or using a number of batch utilities. Customized test data can also be created in a matter of minutes by viewing and modifying data on-screen or applying global updates.

SIMPLIFIED VSAM EDITING TASKS

With SuperEdit, records can quickly be added, deleted, updated and inserted in a VSAM data set. Inserted records can be padded with blanks, binary zeros or any other value and to any length to eliminate the need for writing special programs to modify files. SuperEdit enables users to position to a record by partial key in character or hexadecimal format. SuperEdit supports common edit primary and line commands. Utilizing ISPF-like commands, users can copy, move, delete, and replicate individual lines and groups of lines with ease.

- **Create VSAM test files without programming.**
- **Display and edit multiple records from a single screen.**
- **Edit or browse multiple data sets simultaneously.**
- **Maintain record key integrity in VSAM files.**
- **Reduce virtual storage requirements.**

STAR TOOL®
FOR FILE AND DATA MANAGEMENT

FULL-SCREEN COPYBOOK EDITING

Applications programmers need the ability to display and edit individual VSAM data records within the context of a COBOL or PL/I program's copybook record layout. StarTool's full-screen copybook editing functionality enables programmers to edit data files quickly and with great accuracy by making program information readily available. To look at an entire data file, users can simply toggle between displays without first having to save their work, exit and reopen the file under the alternate view.

VIRTUAL STORAGE REQUIREMENT REDUCTION

Because many other VSAM editing tools unload files into virtual memory, users have been unable to edit large VSAM files. Unlike these VSAM editing tools, SuperEdit edits the data set directly. StarTool's unique memory management function keeps only the VSAM key in memory, thereby reducing virtual storage requirements.

PARALLEL EDIT

Parallel processes provide users with increased flexibility because all processes are available simultaneously. The PEDIT and PBROWSE commands are considered parallel functions because users can issue StarTool commands from within an edit or browse session to process other data sets or activate other StarTool functions.

On returning control to the edit or browse session, users can resume where they left off as with other StarTool parallel activities. In ISPF, a process can be stacked on top of a current process; however, all stacked processes must be terminated to return to a suspended process.

COMPREHENSIVE DATA MANAGEMENT FUNCTIONS

StarTool's interactive, full-screen IDCAMS facility supplies programmers with the complete workbench for data management functions. StarTool supports all data set types, including PDS, IBM's PDSE, VSAM, direct-access, IAM and sequential data sets.

ABOUT SERENA SOFTWARE, INC.

SERENA Software is a global software and services company providing enterprise software change management products and services to manage and control change throughout the software application life cycle. SERENA is headquartered in Burlingame, California and maintains international offices in Canada, Germany and the United Kingdom.



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