



FileScope

Background

FileScope is recognized by iSeries professionals the world over as *the* leading iSeries product in the area of data manipulation. *FileScope* provides unprecedented file editing capabilities, while adhering to the highest standards of quality, reliability and performance.

FileScope's powerful capabilities have enabled many thousands of iSeries users world-wide to quickly and easily perform both basic file editing functions as well as advanced activities such as global and local record updates, data conversion and creation of test data.

Using *Filescope*, software development and maintenance times are greatly reduced, and problem troubleshooting is expedited as well, since *Filescope* replaces *ad hoc* modification programs, reports, file generating programs, etc. and contains advanced error tracing and identification capabilities.

Unlike other information retrieval and manipulation methods such as *DFU* or *QUERY*, *FileScope* does not require compilation and definition steps. And, unlike *SQL*, *FileScope* enables modifying database requests on the fly, performs record updates under your visual control, holds complete control over printing of reports and supports *UNDO* for any change!

FileScope: An Essential Addition to OS/400

The primary focus of *FileScope* is to enhance general user productivity and at the same time provide super-user level tools to those who can benefit from them: System Administrators and DBAs. *FileScope* has a simple, easyto-manipulate user interface and does away with the need to program even a single line of code!

File Control Layout Mode Subset Print Window Special Change file SMZ1/DEMOPF contents 14 records 1st.Fld. 1 Control. Valu Scan Test: DESCRIPTION ITEM QTY ITEM PRICE ITEM # PRICE Relative Record (TRUNCATED) VEND# ON HAND ON ORDER PRICE DATE CHANGE IN-% Number ITEMNO SDESCR VEND# QTYOH QTYOO PRICE PRCDAT PRCCHC ***RRN** 2 HP0003 HOLE PUNCH. 14 113 35 11.19 950119 15. HP0004 HOLE-PUNCH 25. 830 24. 14.52 950119. 17 10002B LETTER OPEN 22 112 542 15.68 881005 22 006 37. MP0002 MARK-PENBLK 4. 600. 25. 10.25 211231. 23.000 MP0002 MARK PEN. RED 10. 5. Ø. 11.28 941216. 29.000 19. NP001F NOTEPAD A4,L 66. 24. 20.000 20. 14. 17.05 91231. 14 records Mbr: DEMOPI Change file SMZ1/DEMOPF contents 1st.Fld. 1 Scan Control. Test: Valu ITEMNO SDESCR VEND# QTYOH QTYOO PRICE PRCCHC ***RRN** PRCDAT 2 HP0003 HOLE PUNCH. 14 113. 35 11 19 950119 20 15. HP0004 HOLE-PUNCH 25. 830. 24. 14.52 950119. . 22.006 17. L0002B LETTER OPEN 22. 112. 542. 15.68 881005. MP0002 MARK-PENBLK 25. 211231. 23.000 37. 4. -600. 10.25 MP0002 MARK PEN, RED 941216. 29.000 19 10. 5. Ø. 11.28 NP001F NOTEPAD A4,L 20.000 66. 24. 17.05 91231. 20. 14. F3=Exit F5=Refresh F6=Mode F10=Update F11=Single-rcd F13=Service F14=Reorder

Bottom line- using *FileScope*, software developers enhance their productivity by more than 25%!









Key Features Security and SOX related actions

- Determine which users performed certain activities
- Audit pre-defined changes such as:
 - List all changes made for records in which ITEMCLASS = LOAN
 - List all updates to records in which &PRICE ADD 20%
 - List all accesses to records in which &PRICEDATE SET 061031
- Print, e-mail or export a complete audit trail
- Undo any set of changes, or particular change, performed during the last 99 days.

Full-Screen Editor

Access and update **all** content on a multi-record screen. Efficient and saves time, especially as *FileScope* enables the user to work on generically named files.

Field Calculations

FileScope includes a robust set of tools to define internal fields using formulas which can even be based upon external files and functions!

Multiple File Management

Real-time, on-line **Join** capabilities in order to connect to other files. Supports **Joined** fields of different types and length.

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Report Generator

Most efficient report generator around, both batch and interactive. Some of *FileScope's* unique capabilities: reports using internal and/or calculated fields, reports using function-derived fields (e.g. external program), support for a range of keys, break level capabilities, transferring results to PC, subsetting data, advanced page formatting and more.

Batch processing facility

Resource intensive activities such as End-of-Day processing can be processed in batch. Repetitive operations can be saved and run directly in batch, without any on-line operator action.

File Scan

FileScope offers a wide range of retrieval methods for locating specific records in a file or a subset of records.

Special Printing

Print an entire file structure, a single record or a group of records in a multi-record screen format. Standard product capabilities such as Sorting, Record Group Definition, Field Reorganization, etc. provide additional printing power.

Log file changes

Log File contains all relevant historical information regarding who created/modified data, thus allowing for easy tracing of every modification. Includes the operations performed arranged by user name, file name and time range.



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