

THE Best IBM i File Editor Around!

FileScope is recognized by IBM i developers and programmers worldwide as the leading data manipulation product on the market.

FileScope provides unprecedented file editing capabilities, while adhering to the highest standards of quality, reliability and performance.

FileScope's powerful capabilities have enabled thousands of IBM i users 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 developers enhance their productivity by more than 25%. At the same time, **FileScope** provides super-user level tools to those who can benefit from them most: System Administrators and DBAs.

FileScope has a simple, easy-to-manipulate user interface and requires NO programming.

FileScope reduces software development and maintenance times, and expedites problem troubleshooting by replacing ad hoc modification programs, reports, file generating programs, etc. **FileScope** also has advanced error tracing capabilities.

Unlike DFU or QUERY, **FileScope** does not require compilation and definition steps. And, unlike SQL, **FileScope** enables modifying database requests on the fly, performs record

Unique FileScope Features

- Unicode UTF-16 and UCS-2 support enables viewing SAP, JDE, MOVEX, BPCS, etc. files
- Display/Print file contents
- Define views, update, subset, reorder fields, sort, scan for fields, join files, and so on
- Full and split-screen multi-file update modes
- Subset records via advanced Boolean operators
- Substring field values
- Supports NULL, numeric, floating, and graphic fields
- UNDO editing changes up to 99 days
- Complete audit trail via SYSLOG, Twitter, SNMP, MSGQ, SMS, email
- Post-session email includes all session changes
- Export to XML-format files
- Enforce textual description of changes

Relative Record Number	ITEM #	DESCRIPTION (TRUNCATED)	ITEM VEND#	QTY ON HAND	QTY ON ORDER	ITEM PRICE	PRICE DATE
*RRN	ITEMNO	SDESCR	VEND#	QTYOH	QTYOO	PRICE	PRCDAT
15.	AP0004	HP Printers1	888.	999.	225.	18.60	140802.
16.	HP0004	HP Printers	999.	215.	225.	18.60	140802.
10.	L0002C	LETTER-OPEN	56.	115.	9999.	0.56	881005.
11.	MP0022	MARK PEN,BLK	8.	625.	10.	31.00	211231.
12.	MP0022	MARK PEN,RED	9.	115.	12.	13.80	941216.
13.	MP001F	NOTEPAD-A4,M	15.	83.	25.	19.95	91231.
2.	P0100X	PENCILS-#2	41.	179.	218.	138.85	960106.
3.	P01033	PENCILS-#3	21.	123.	380.	138.81	941233.
4.	Q93750	MICROe CASSE	12.	20.	215.	95.98	950346.
5.	Q93751	MICROe-CASSE	16.	1116.	587.	91.36	920314.
6.	RB0001	3-RING BINDR	31.	811.	120.	385.81	0.
7.	S0200B	STAPLER,He-D	42.	828.	311.	86.84	940319.

F3=Exit F6=Mode F7=Visual F10=Update F11=Single F13=Service F24=More keys

Key Features

FileScope Support for Security and PCI and SOX compliance

- Post-session email includes all file changes performed
- Easily audit users who made file changes such as (examples):
 - List all changes made in records where ITEMCLASS = LOAN
 - List all updates to records in which the price changed by more than 20%
 - List all accesses to records in which the date of the last price change was after a given date
- Complete activity tracing via SYSLOG, Twitter, SNMP, MSGQ, SMS and email

Split and Full Screen edit – FileScope enables file access and update in both full and split screen modes.

Viewpoint – FileScope enables the user to restart their current session from where they left off previously, with all selections and settings saved and in effect.

Field calculations - FileScope includes a robust set of tools to define internal fields using formulas which can be based upon external files and functions.

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

Report generator – FileScope incorporates the most efficient report generator on the market, in both batch and interactive modes, including unique capabilities such as reports using internal and/or calculated fields, reports using function-derived fields (for example, 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 – FileScope's end-of-day batch processing offloads resource intensive activities. Repetitive operations can be saved and run directly in batch as well, with no on-line operator action.

Multiple file management – FileScope includes real-time, on-line Join capabilities to connect to other files and supports Joined fields of different types and length.

Special printing – FileScope can print an entire file structure, a single record or a group of records in a multi-record screen format. It includes capabilities such as Sorting, Record Group Definition, Field Reorganization, etc. which provide additional printing power.

Log file changes – The FileScope log file contains all historical information regarding who created/modified data, allowing for easy tracing of every modification. The log file includes all operations performed by user name, file name, and time range.

File	Control	Layout	Mode	Subset	Print	Window	Special
16 records		Change File SMZ1/DEMOPF				mbr: DEMOPF	
Control.	N	(T=Top B=Bottom N=Nxt P=Prv +/-nnn K=Key)			Fmt: ITEMAS		
1st.Fld.	1	(n=Name 0 /n F4)			Vpt: *NEW		
Type choices and press Enter, or modify data and press F-key.							UPDATE MODE
Field	Key1.....+.....2.....+.....3..	TEXT				
*RRN	...	11.	Relative record number				
ITEMNO	1	MP0022	ITEM #				
SDESCR	...	MARK PEN, BLK	DESCRIPTION (TRUNCATED)				
VEND#	2	8.	ITEM VEND#				
QTYOH	...	625.	QTY ON HAND				
QTYOO	...	10.	QTY ON ORDER				
PRICE	...	31.00	ITEM PRICE				
PRCDAT	...	211231.	PRICE DATE YY.MM				
PRCCHG	...	23.000	PRICE CHANGE IN-%				
SALES#	...	49.	SALES MAN				
DESCR	...	MARKER PEN, BLACK (100 / BOX)	DESCRIPTION				
CSLS01	...	59.20	1ST QUARTER SALES				
CSLS02	...	43.02	2ND QUARTER SALES				
CSLS03	...	64.15	3RD QUARTER SALES				
CSLS04	...	+24.08E+001	4TH QUARTER SALES				
: Description of changes Update in single record mode :							
:.....:							