Rocket™

Your Source for Enterprise Software

VSAM Quick Index

Dynamically build alternate indexes for faster data processing

Highlights

- Builds indexes faster than IDCAMS BLDINDEX
- Utilizes your house sort utility
- Creates multiple alternate indexes with a single pass of the base cluster
- Develops alternate keys from non-contiguous portions of base records
- Omits meaningless alternate keys dynamically

Data processing requires alternate access

As data files and structures grow more complex, the use of alternate indexes becomes more important in managing your batch processing window and improving data availability. Using alternate indexes enables you to access data faster and improves the efficiency of applications processing.

Using current solutions such as IDCAMS is time consuming and requires IT staff to run separate commands for each alternate index.

VSAM Quick Index is a high-performance, low-overhead tool that builds alternate indexes for VSAM KSDS and ESDS base clusters faster that IDCAMS BLDINDEX. This reduces batch processing time and CPU utilization while improving data availability.

High-performance alternate index creation

VSAM Quick Index's speed helps provide better data access by allowing you to build alternate indexes more frequently. A unique feature is the ability to build multiple alternate indexes while reading the base cluster only once. All alternate indexes related to a single base cluster are built using only one control statement. By using proprietary "fast-read" routines, base cluster data is read significantly faster than by using IDCAMS BLDINDEX.

Highly flexible for better efficiency

Generic and fully qualified key values, such as blanks, zeros, and prefix codes, may be excluded from the build process. VSAM Quick Index also allows you to build alternate index keys from non-contiguous areas of data while limiting the number of non-unique pointers. That flexibility allows you to dynamically build alternate indexes to meet your very specific needs without having to manually change job streams.

Integrated solution offers better results

VSAM Quick Index requires customers to create minimal JCL, without the need to specify all the names of the alternate indexes for the base cluster. Furthermore, VSAM Quick Index can automate the process of calculating and allocating the optimal buffers for better performance. IT staff gets a better understanding of their VSAM data set environment by getting statistics, number of pointers dropped, number of records read, and the number of alternate index records written from VSAM Quick Index.

Find out more

Visit rocketsoftware.com for information on how VSAM Quick Index can help you. To arrange a personal briefing or a free trial, contact us at product_info@mainstar.com

Why VSAM Quick Index?

Feature	Benefits
High-performance alternate index creation	Builds indexes faster than IDCAMS BLDINDEX.
Utilizes your house sort utility	Utilize your existing sort utilities such as IBM DFSORT, Syncsort MFX, or CA Sort for z/OS without the need to get an additional sort utility. This prevents the need to acquire, install, and learn an additional utility.
Creates multiple alternate indexes with a single pass of the base cluster	VSAM Quick Index requires customers to create minimal JCL, without the need to specify all the names of the alternate indexes for the base cluster. Furthermore, VSAM Quick Index can automate the process of calculating and allocating the optimal buffers for better performance.
Develops alternate keys from non-contiguous portions of base records	Allows you to build alternate index keys from non-contiguous areas of data while limiting the number of non-unique pointers.
Omits meaningless alternate keys dynamically	Generic and fully qualified key values, such as blanks, zeros, and prefix codes, may be excluded from the build process.

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