

Should I use JISAM or Veryant's c-treeRTG?

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Question:

What are the basic differences between JISAM and c-treeRTG? What are the guidelines for choosing between them?

Answer:

Here are the benefits of each:

Veryant JISAM

isCOBOL Evolve supplies a high capacity, client/server, indexed ISAM file system called Veryant JISAM.

JISAM is written entirely in Java so it runs anywhere, even on a mobile phone.

Utility provided for basic file management Utility provided for one-step migration of data files from other COBOL vendor's indexed files. ODBC Driver for Windows Maximum file size: 9+ exabytes (EB) (over 9 million terabytes) Maximum number of keys: no limit Maximum number of records: no limit Maximum key length: 255 bytes Maximum number of segments per key: 16 Maximum record length: 2 GB

Currently JISAM has the following limitations: transactions and compression are not supported variable length records is not supported, the maximum record size is always used.

Veryant's c-treeRTG

A Client/Server product, it includes its own server (instead of using isCOBOL's application server) Full Transaction Support ODBC Driver for Windows Supports Live Backup Memory file support Includes several feature-rich management utilities including Graphical tool for SQL access of your indexed data Utility provided for one-step migration of data files from Vision. Maximum file size: 16,000,000 terabytes (16 Exabytes) Maximum number of keys: no limit Maximum number of records: no limit Maximum key length: no limit Maximum number of segments per key: no limit Maximum fixed record length: 65,535 bytes Maximum variable record length: 2 GB Compression: supported

The basic guideline is to use JISAM for smaller numbers of users (100 or fewer), or light data access, and use c-treeRTG for larger numbers of users or if you want to take advantage of the extra features of c-treeRTG