

Database Utilities

Data Sheet



CDB Software, Inc.

CDB/®Runstats V7.4.0

CDB/Runstats for DB2® for z/OS™ efficiently gathers DB2 statistics using a fraction of the resources required by all other Runstats products. Through flexible built-in automation and patented advanced processing techniques, CDB/Runstats improves application performance by gathering accurate statistics while improving productivity. With powerful options for when and how statistics are gathered, DB2 environments gain productivity while reducing the overall cost of Runstats processing.

Key Benefits

- Fast Statistics
- Built-In Automation
- Reduced CPU and Elapsed time
- Easy Restart
- Optimized multi-tasking and parallel processing
- Optional Cyclical Statistics

The Challenge

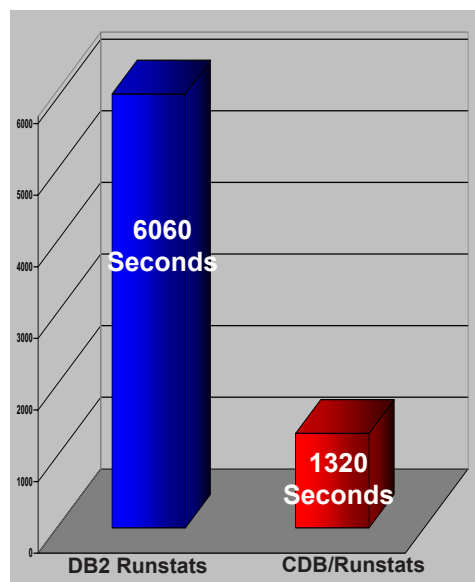
You need to keep your Runstats current but your Runstats utility runs so long you're starting to wonder if updated stats could possibly be saving you the resources that the CPU-intensive Runstats consumes.

You have thousands of tables to keep stats current for. With Peoplesoft and SAP applications the tables used can change rapidly making it a challenge to keep stats current.

You have a list of exception objects. There is the exception list from SAP to always exclude certain objects from Runstats and you have that one statistics value that you update manually to get the access path you need. But now you have to remember to update it each time someone runs Runstats on the object.

The CDB Solution

CDB/Auto-Runstats is a utility that collects database statistics and supports the update and history keywords. CDB's efficient I/O techniques and proprietary algorithms gather statistics in a fraction of the elapsed and CPU time that other Runstats utilities consume. 80 to 90% reductions in CPU time are common. And, CDB Runstats provides actual statistics, not estimates based on sampling the data.



Elapsed Time

Built-In Automation

With CDB's built-in automation you can easily implement your DB2 Catalog override by having Runstats automation run your Update statement within the utility any time that object's statistics are collected; no extra jobsteps, no forgetting. The exception lists for SAP or your own applications can be built right into the utility so there is never a mistake.

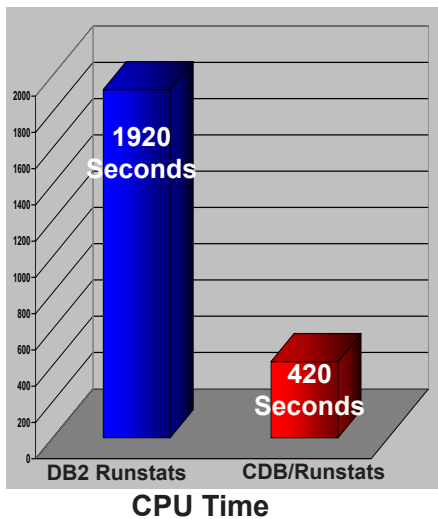
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Wildcards

CDB/Auto-Runstats accepts wildcards (%) and _) in the Database and Tablespace names on the Runstats statement. One simple statement will collect statistics on many objects without change or errors even when you create and drop objects.

Efficient Processing

CDB/Runstats uses efficient I/O techniques directly to the DB2 VSAM datasets. CDB/Runstats collects accurate statistics in a fraction of the time as other Runstats products and uses less CPU and I/O as well.



Important and Unique features

• Easy Restart

If your CDB/Runstats job is cancelled or your system comes down just run the same job again and it will automatically restart where it left off, no JCL changes, no problems.

• Built-in Automation

True automation is part of the utility, not a separate product that generates thousands of lines of JCL. You can build in exception lists, static statistics and overrides as well as job completion notification.

• Cycles

CDB/Auto-Runstats lets you define periodic cycles for Runstats. You define in a DB2 table how often you want stats run for a specific object (daily, weekly, bi-weekly, monthly, etc) and how you want Distribution stats collected. Then you just specify CDBSTATS CYCLE in your Runstats Sysin and all statistics gathering is automatic.

• Distribution Statistics

Along with gathering regular statistics for your DB2 objects CDB Runstats also gathers Distributed Statistics for indexed

columns. The IBM Runstats syntax is supported including the KEYCARD
FREQVAL NUMCOLS x COUNT y

• Outside of DB2

CDB Runstats operates on the DB2 VSAM datasets outside of DB2. CDB does not use DB2's Buffers or Logs. CDB uses a fraction of the CPU that IBM and the others use. Your applications are safe and unaffected.

About CDB Software

CDB Software, Inc. is a leader in data management solutions for DB2 z/OS. CDB focuses its business on DB2 for z/OS to provide unique and innovative solutions that enable companies to expand their DB2 system to meet business needs while controlling the overall cost of the mainframe. Founded in 1985, CDB is a privately held corporation based in Houston, Texas with offices worldwide.

For more information visit:

www.cdbsoftware.com

*All benchmarks are based on a 220 Million Row, 62 Partition Tablespace with 4 Indexes.



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