

RealTime DBAExpert for Db2 z/os

Db2 Database maintenance on the fly

Maintain Db2 databases on-demand or as-needed in a classic batch window

Simplify and secure complex database maintenance processes

Effectively monitor & manage space and DASD

Eliminate system outages caused by uncontrolled object growth or sequences

Increase ROI of Db2 database maintenance and improve overall Db2 performance and health

Use ROI-software to measure YOUR savings

Integrate Access Path Control for REBINDS

Latest Db2 releases included. Support e.g. for PROFILE, SYSSTATFEEDBACK

Add-on or Standalone
"Rolling REORGs – Support":
Automatic RBA conversion

RealTime DBAExpert (RTDX) is a virtual DBA that makes Db2 database maintenance easy by providing automated, proactive management of Db2 databases. RTDX can even identify and respond to database maintenance needs 24x7 by an additional On Demand extension. This opens up ongoing database analysis with real-time corrective actions required by companies that face shrinking batch windows or 24x7 business needs.

Combining the exploitation of real-time statistics with advanced automation technology, RTDX enables intelligent, efficient, and cost-saving database maintenance.

RTDX works with existing database tools and utilities, thus keeping your routine database procedures in place. Enriched by on-demand maintenance, your overall IT investment is better secured around the clock. It also provides space and DASD management as well as the ability to automatically monitor and manage utility jobs to successful completion.

RTDX eliminates bottlenecks, decreases downtime, eases the burden on the batch window, increases availability, and assures high-performing Db2 databases.

RTDX CLASSIC – REDUCE COSTS AND IMPROVE AVAILABILITY

Using real-time statistics, RTDX automatically manages database maintenance on-demand and/or classic batch maintenance as needed. Integration with most job schedulers allows dynamic scheduling of necessary jobs when it is most appropriate for your site.

Utility generation — Based on required actions, RTDX initiates database utility generation for either immediate execution or scheduled execution. Using Db2 real-time statistics for ongoing analysis, RTDX considers system workload and critical business hours when scheduling needed maintenance work. This intelligent analysis enables both On Demand and classic batch work to be scheduled more effectively.

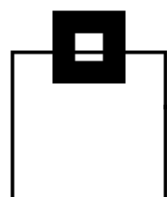
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Uses real-time statistics for triggering utilities - saving CPU costs for RUNSTATS

Requires no CPU consumption for analysis because it collects Optimizer statistics in real time

Saves CPU resources through drastic reduction of Optimizer RUNSTATS utilities

Dynamically interfaces with many common job schedulers

Works with Workload Manager (WLM) to best utilize CPU workload

Easy to install and implement

Supports all Db2 FLs

Saves massive amounts of CPU and I/O by exploiting FlashCopy II

OCM: Optimizer controlled maintenance (REBIND control)

Autonomic intelligent Exploitation of SYSSTATFEEDBACK

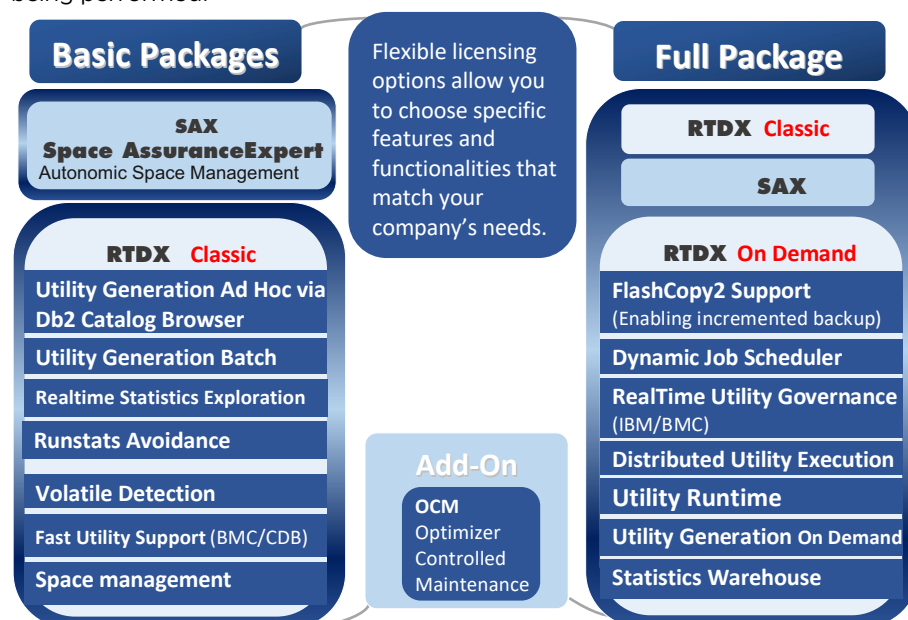
RTDX ON DEMAND – EXTENSION TO HANDLE INCREASED DEMANDS

Space management — RTDX ON DEMAND monitors and automatically performs a variety of space management tasks that require immediate actions. Addressing runaway data set growth, altering PBCs, and DSSIZEs and identifying over-allocated and under-allocated objects are examples of the many tasks that can be performed On Demand. RTDX improves space allocation by providing trending information and a "what-if" tool for space estimation. RTDX prevents unplanned outages caused by running out of:

- Data sets (linear page set audit),
- SMS storage group volume space,
- SMS storage groups,
- Extents,
- Partition-space
- Sequences
- Numeric Primary Keys.

Batch control — Automate, control, correct and restart Db2 utilities during batch processing. RTDX ON DEMAND helps replace time-consuming and error-prone manual processes by controlling the execution of Db2 utilities and commands. You can easily define automatic intervention rules, customizing the rules system to test results before an actual problem occurs.

Real-time information center — Understanding the state of a database is critical to establishing maintenance rules and successfully adhering to service-level policies. RTDX ON DEMAND provides real-time information about key performance indicators such as object characteristics, object histories, threshold settings and execution results. It also provides historical information, identifying objects checked and the utilities generated and executed. With RTDX, you are always in control and informed of the state of the Db2 databases and tasks being performed.



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