



## RealTime Defrag for DB2 The Advanced Tool for DB2 Disk Space Management

### ***Real Savings***

Today the availability and reliability of your organization's data is critical to its success.

But finding the time required to keep your systems operating efficiently often strains a data center's resources and its ability to meet service level agreements. In order to utilize available resources more efficiently, more and more computer centers are optimizing their disk space with RealTime Defrag for DB2 (RTD/DB2).

RTD/DB2 makes the impossible possible. Now you can have cost-effective, optimal utilization of disk space around the clock. RTD/DB2 optimizes disk space permanently and automatically without affecting DB2 production and online operations. This way, you achieve considerable savings in terms of space and shorter processing times. Take a look at RTD/DB2 and you'll soon see it pays for itself.

### ***Recover Disk Space Around the Clock***

RealTime Defrag for DB2 quickly, reliably, economically makes more of your existing disk space. Batch windows at night and maintenance windows on weekends are freed of defrag runs that often take hours. RTD/DB2 optimizes all disks according to your instructions, even those that are continuously accessed. In this way, particularly in cases of 24x7 operations, you achieve optimal management of the entire DB2 DASD environment. Production continues without interruptions. And, disruptions due to too little disk space are as much a thing of the past as are deletion activities that have a negative impact on production and block access to the disks for other applications.

### ***Direct Interface with DB2***

RTD/DB2 interacts exclusively with standard DB2 services to provide a unique processing of DB2 (VSAM linear) datasets (table and index spaces) which are either unallocated or currently in use with no transactions actually running. During RTD/DB2 processing, specified DB2 datasets which are selected for processing will be briefly locked against accesses by possible subsequent DB2 transactions, which may then be held up for a short period rather than aborted.

Datasets which are currently in use by transactions will be bypassed.

### ***Optimize Automatically in Real-Time***

RTD/DB2 always makes certain that disk space is being utilized in the most economical way. RTD/DB2 never takes a break. There's no need for manual involvement and costly advanced planning. Once started, RTD/DB2 works behind the scenes, inconspicuously and automatically, continually and in small steps. This way, you can be assured that the space on your disks is put to optimal use. You save in terms of costs, avoid DB2 transaction disruptions, and can be assured of the best conditions when you access your files.

### ***Customize to Production Standards***

RTD/DB2 works according to those criteria that are important to you. Whether those criteria are storage groups, volume names or file names, file attributes, or SMS classes, you control the processing. Parameters can be customized at any time, and your changes take effect immediately. In Simulation Mode, RTD/DB2 reports scheduled actions without actually performing them. Disk space is then optimized in Active Mode. Simulation Mode can operate parallel to Active Mode. This way you can adapt RTD/DB2 to new situations, step by step.

## ***Proven Efficient DASD Management***

RTD/DB2 handles important DB2 DASD management tasks such as defragmentation, unused space release, and file extent reduction in one step. **RTD/DB2 is the only product (hardware or software) available which provides these vital functions without negatively impacting DB2 production processing.** Efficient I/O techniques assure optimal performance. DB2 transactions that run in parallel are unaffected. With RTD/DB2's online reports you can monitor your success. At a glance, you know how much space you've saved, and can verify its optimal use.

## ***Advantage of New Opportunities in DB2 Disk Space Management***

RealTime Defrag for DB2:

- Guarantees optimal, cost-effective DB2 disk space utilization at all times, particularly in 24x7 operations
- Runs continuously, thus freeing you of long defrag runs during batch windows at night and maintenance windows on weekends
- Results in considerable savings in terms of both disk space and access times
- Prevents disruptions of transactions and production due to insufficient disk space and assures the best conditions when files are being accessed
- Usually pays for itself within one year
- Renders faster processing possible by combining separate file areas
- Works automatically and inconspicuously in the background in accordance with your instructions
- Supports you in your efforts to provide 24x7 service that is free of disruption
- Affords you the opportunity, in Simulation Mode, to plan for and test the best possible results for your production environment
- Monitors success via online reports
- Requires very little in terms of resources or CPU time
- RTD/DB2 supports Release, Combine and Defrag processing for datasets allocated on all z/OS supported DB2 DASD including EAV volumes.

## ***Optional Features***

Multiple Address Space (MAS) support allows large installations to process up to 28 volumes concurrently while automatically balancing I/O activity across the DB2 DASD configuration.

Fast Replication Option (FRO) provides support for FlashCopy Version 2 devices resulting in optimal I/O performance, reduced CPU utilization and minimal dataset enqueue times.

Preserve Mirror (PM) support provides full support for devices using Remote Pair FlashCopy (Preserve Mirror) to maintain business continuity in DB2 environments with continuous dataset operations. Additional RTD/DB2 selection filters and processing options allow the user to easily control this environment.

## ***Global Success***

INTERCHIP AG has been developing efficient tools for storage management for nearly 30 years. Our solutions are used successfully throughout the world. With RTD/DB2 we carry on the tradition of developing powerful software in close collaboration with our clients.

Arrange for a 30-day, free trial installation and see for yourself the considerable advantages RTD/DB2 has to offer.

Elektrastraße 6  
81925 München  
+49 - 89 - 99 14 99 0  
[info@interchip.de](mailto:info@interchip.de)  
<http://www.interchip.de>