Database Specifications

- **Max. Databases Open Simultaneously:** No Limit
- **Maximum Records Per Database:** No Limit
- **Maximum Size of Database File:** Limited only by file system
- **Maximum Tables Per Database:** No Limit
- **Maximum Records Per Table:** No Limit
- **Maximum Keys Per Database:** No Limit
- **Max. Record Size:** 32K (excluding BLOB or VARCHAR)
- **Maximum Fields Per Table:** No Limit
- **Maximum Size of Keys:** 242Bits
- **RAM Requirements:** Minimum 50K, User configurable
- **Code Footprint:** Starting at ~270K depending on OS and database features.

Try it!

Download a trial version:
raima.com/downloads

RDM Mobile Edition 11

RDM Mobile is a high-performance, database management system ideal for the developer who is creating a standalone application for a smart phone or tablet device. For the iOS platform this package includes a new Objective C API which provides an intuitive and familiar interface for Apple developers.

Overview

RDM Mobile is designed to meet today's mobile applications. Its ACID-compliant database engine supports B-tree and hash indexes; the B-tree indices can support simple and/or compound keys. Additionally the database engine has been developed to fully utilize multi-core processors, run within minimal memory, and support both in-memory and on-disk storage. Implemented as a linkable library the database is allowed to become an embedded part of your applications.

With nearly 30 years of development history, it is estimated that this embedded database management system has been used by more than 20,000 developers and deployed in over 20 million installations in all the major industries; including Aerospace & Defense, Automotive, Business Automation, Financial, Government, Industrial Automation, Medical, and Telecommunication.

Performance Driven Features

- **Multi-Core Support** - Efficiently allocate transaction processing to take advantage of multi-core systems for optimal speed.
- **Multi-Versioning Concurrency Control (MVCC)** - Implement read-onlytransactions where a virtual snapshot of your embedded database is readable until the read-only-transaction is terminated by the task, even if it is being concurrently updated. Avoid read locks to improve multi-user performance.
- **Pure and Hybrid In-Memory Database Operation** - Configure your database to run completely on-disk, completely in-memory, or a hybrid of both; combining the speed of an in-memory database and the stability of on-disk in a single system.
- **Multiple Indexing Methods** - Use B-Trees or Hash Indexes on tables. Hashing on large volumes often provides faster access to data than b-tree indexing methods. Hashing enhances speed by using buckets to store the index information.

API for Enhanced Usability

- **Objective C API** - The Objective-C 2.0 interface to RDM is designed to augment the RDM navigation on Mac OS X and iOS platforms by creating custom objects to represent records and interface with the database. This combines the performance of RDM with the intuitiveness of an object oriented interface, making it easy to integrate with Cocoa applications.

Modes of Operation

- **Standalone**
- **Application Linked**

Supported Platforms:

- **Apple's iOS**

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