Raima® Database Manager EMBEDDED 9.0

What's New

Key New Features

- MicroHTTP Server
- Circular Tables

Try it

Download the RDM Embedded free software development kit at:
http://www.raima.com/products/rdm-embedded/sdk-download

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RDM Embedded is a powerful, cross-platform, small footprint database designed for resource-constrained environments with demanding performance requirements. RDM Embedded's legacy has 20+ years of history, over 20 million installations, and more than 20,000 developers; the product has found itself successfully embedded into applications in all major industries.

RDM Embedded Overview

The competitive edge RDM Embedded gives embedded applications its extreme transaction rate and complex data modeling capabilities, solving the most complex applications without draining power or resources. The database offers a strong foundation for application development with tools for performance enhancement and database customization. RDM Embedded v8.1 continues this legacy by adding critical features for many users and developers.

RDM Embedded New Features

MicroHTTP Server—adds the capability to insert, update, and delete data within the RDM Embedded database using a Web browser over the standard HTTP protocol. This enables developers to create Web based applications that can remotely access the database engine. One possible use for this is an application to monitor time interval data points which can dynamically adjust parameters. Take for example a power consumption application that monitors the power usage of a shop floor. When the power consumption level reaches a certain threshold the applications makes adjustments to the machinery parameters, also stored in the database engine, to bring the consumption level back within the acceptable range. If the user wants to override the application by adjusting the power consumption threshold they can easily do so via a remote Web application, possibly running on a handheld device. In addition the server is fully extendable, allowing developers to add virtually unlimited functionality to the server.

Circular Tables—allow developers to define the maximum number of rows allowed in a table and, when the limit is reached, additional rows can be added to the table overwriting previous rows. It uses the First in First out (FIFO) concept meaning the oldest record is replaced by the new record. This is useful for applications that contain event logs or statistics where rather than letting the table grow infinitely large or managing the size manually, the size of the table can be handled automatically by the database engine.