

Why Buy the Perst Embedded Database?

Perst

“Adding new functionality with Perst enabled us to shorten our development cycle and deliver a 10-fold increase in data storage performance.”

– CA Wily

Many embedded database management systems (DBMSs) are compatible with Java and .NET. What are the compelling reasons for choosing McObject’s Perst product family?

Object-oriented efficiency. Perst is a true object-oriented database management system (OODBMS) that stores data directly in Java and .NET objects. This boosts run-time performance by eliminating the translation imposed by relational and object-relational databases.

Open-source code. Perst's source code is available for free download, always. Play with it, inspect it, develop with it – there are no mysteries about the database's inner workings.

Compact. The Perst core consists of only five thousand lines of code. The small footprint imposes minimal demands on system resources. Specialized versions (such as Perst Lite for Java ME) are even smaller.

Fastest Java/.NET embedded database. In McObject’s TestIndex and PolePosition benchmarks, Perst displays one of its strongest features: its significant performance advantage over Java and .NET embedded database alternatives.

Go Mobile. Smartphones increasingly must store, sort and retrieve complex data. The advantages of the small footprint of Perst for Android devices are proven in business, medical, consumer and other applications.

Reliable. Perst supports transactions with the ACID (Atomic, Consistent, Isolated and Durable) properties, provides automatic recovery in the event of software or hardware failure, and requires no end-user administration.

Maximize portability, performance and ease-of-development in Java and .NET

Java and .NET developers need an embedded database that is fast, reliable, and leverages these environments’ unique capabilities. Perst has the efficiency only an object-oriented database can provide in Java and .NET. Its small code size minimizes resource demands. With rich developer options such as specialized data indexes, and advanced features including ACID transactions and replication, Perst is ideal for building highly portable applications that run wherever Java and .NET are supported. Download the open source Perst today at www.mcobject.com.

Shorter development cycle. Compared to self-developed (‘homegrown’) data management, Perst offers a proven solution that slashes months from development, QA and maintenance.

Support and services. McObject stands behind Perst so you get the best of both worlds: the transparency of open source, backed by first-class professional engineering, consulting and support services.

Rich .NET benefits. Perst features leverage .NET strengths, including LINQ.

Standout Java features. Support for standard Java as well as the Java ME mobile platform, and compatibility with aspect-oriented tools such as AspectJ and JAssist, are among Perst’s distinctive features in Java.

Transparent persistence. Perst is distinguished by its ease in working with Java and C# objects, resulting in unparalleled efficiency in coding.

Choice in database indexes. The right index boosts performance and minimizes footprint. Perst offers R-trees for GIS and mapping data, T-trees for all-in-memory data management, and many other specialized indexes.

Advanced features. Perst’s extras include garbage collection, schema evolution, full-text search, a “wrapper” that provides a SQL-like database interface (SubSQL), XML import/export, database replication, support for large databases and more.



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