

## Oracle Berkeley Database – Version 6.2

Oracle Berkeley Database Version 6.2 (12.1.6.2.23) is now available for download.

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### Oracle Berkeley Database Version 6.2 – New Features

- **Slices** – provides significantly better scalability on large SMP machines as compared to the previous release.
- **Write Forwarding** – No longer are application writes restricted to the Master node when this feature is enabled. Simple write operations can now be performed on the replica and BDB-HA will forward the writes to the Master automatically.
- **BDB as a Stand-Alone Server** – Gives user an out-of-the-box solution to a key-value database in a client-server architecture.
- **SQL Performance Enhancements** – Index-based SQL query performance has been improved by as much as 40% out of the box when compared to BDB 6.1.
- **Authentication** – User authentication has been [added to](#) the BDB SQL API. The database can now be set up to authenticate users prior to them accessing data in the database. The new authentication capability, coupled with existing encryption, can be used to create secure, high performance embedded database applications.

### Berkeley DB continues to enable the most powerful embedded database solutions

- Handle TBs of data with a 1MB library
- Flexible, lightweight, transactional data management engine
- Runs on a wide variety of operating systems and platforms ranging from low power ARM devices to clusters of high-end servers
- Over 50 open source software projects embed BDB -- check them out on Wikipedia
- Completely customizable, with choice of 5 different access methods
- Industrial quality and battle tested

### Supporting Assets and Resources

Collateral and sales assets continue to be updated.

- [Oracle BDB Web Site](#)
- [Oracle BDB Blog web site – continue to check for new blogs](#)
- [Oracle BDB Database Product Family Datasheet](#)
- [Oracle BDB Database Datasheet](#)

LinkedIn Group - <https://www.linkedin.com/groups/2131985/profile>

Twitter – @berkeleydb

### **What others are saying:**

Open source Fedora package maintainer, Lubomir Rintel, says "Berkeley DB has quietly served behind the scenes as **the** database for the RPM Package Manager. It has proven itself time and time again as a robust and efficient storage engine. It stores the meta information of the installed rpms. Under heavy workloads, BDB proves itself reliable. Countless people that use popular Linux distributions have used BDB through RPM and never knew it. With this new release, BDB continues its tradition of being a solid storage engine"

Oracle Tape Product Manager, Dan Deppen, says "Berkeley DB is integral to Oracle StorageTek Storage Archive Manager (SAM-QFS). We have been embedding Berkeley DB in our product for over a decade and it is vital to our disk archiving feature which is used to send files to remote data centers to enable disaster recovery. Performance and scalability are critical because SAM-QFS supports some of the largest archive customers in the world. HPC sites, research centers, national libraries and other customers requiring massive scalability and high reliability depend on SAM-QFS and Berkeley DB to maintain availability of their critical data."

### **Questions & Help**

- External Email Alias – [bdb@oss.oracle.com](mailto:bdb@oss.oracle.com)

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