

## Berkeley Db Java Edition Documentation

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### Berkeley Db Java Edition Documentation

Oracle Berkeley DB Java Edition is an open source, embeddable, transactional storage engine written entirely in Java. It takes full advantage of the Java environment to simplify development and deployment. The architecture of Oracle Berkeley DB Java Edition supports very high performance and concurrency for both read-intensive and write-intensive workloads.

### Oracle Berkeley DB Java Edition | Oracle Berkeley DB

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### Getting Started with Berkeley DB Java Edition

Welcome to Berkeley DB Java Edition (JE). JE is a general-purpose, transaction-protected, embedded database written in 100% Java (JE makes no JNI calls). As such, it offers the Java developer safe and efficient in-process storage and management of arbitrary data. You use JE through a series of Java APIs which give you the ability to read and write your data, manage your database (s), and perform other more advanced activities such as managing transactions.

### Chapter 1. Introduction to Berkeley DB Java Edition

1. Introduction to Berkeley DB Java Edition Features The JE Application Databases and Database Environments Database Records Putting and Getting Database Records Duplicate Data Replacing and Deleting Entries Secondary Databases Transactions JE Resources Application Considerations JE Backup and Restore Getting and Using JE JE Exceptions 2.

### Getting Started with Berkeley DB Java Edition

Getting Started with Berkeley DB, Java Edition Transaction Processing ... This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy ...

### Getting Started with Berkeley DB, Java Edition Transaction ...

Berkeley DB Java Edition also contains an implementation of the Java Collections API that is backed by the same engine. On the administrative side, Berkeley DB Java Edition uses an architecture-neutral file format and supports hot backups. Licensing and History. The free software Berkeley DB (the C Edition, or the Core Edition, to distinguish ...

### Getting To Know Berkeley DB Java Edition | Object ...

Oracle Berkeley DB Java Edition Maven Support The Apache Maven tool is a popular method of automatic distributed software dependancy management. Berkeley DB Java Edition is avaiable from the Oracle Maven repository.

### Oracle Berkeley DB Java Edition Maven Support

DbCacheSize (Oracle - Berkeley DB Java Edition API) public class DbCacheSize extends java.lang.Object. Estimates the in-memory cache size needed to hold a specified data set. To get an estimate of the in-memory footprint for a given database, specify the number of records and database characteristics and DbCacheSize will return an estimate of the cache size required for holding the database in memory.

### DbCacheSize (Oracle - Berkeley DB Java Edition API)

The Oracle Berkeley DB family of open source, embeddable databases provides developers with fast, reliable, local persistence with zero administration. Often deployed as an 'edge' database, Oracle Berkeley DB provides very high performance, reliability, scalability, and availability for application use cases that do not require SQL

### Oracle Berkeley DB

The PrimaryIndex maps from id directly to the entity, or from primary key 1 to the "Jane Smith" entity in the example. The SecondaryIndex maps from department to id, or from secondary key "Engineering" to primary key 1 in the example, and then uses the PrimaryIndex to map from the primary key to the entity.. Because of this extra type parameter and extra level of mapping, a SecondaryIndex can ...

### SecondaryIndex (Oracle - Berkeley DB Java Edition API)

Why Java Collections for Berkeley DB Java Edition The Java collections interface was chosen as the best Java API for JE given these requirements: 1. Provide the Java developer with an API that is as familiar and easy to use as possible.

### Berkeley DB, Java Edition Collections Tutorial - Oracle ...

Oracle Berkeley DB Provides an open source embeddable database library, allowing developers the choice of SQL, Key/Value, XML/XQuery or Java Object storage for their data model. At its core is a fast, scalable, transactional database engine with proven reliability and availability.

### Database Documentation - Other Databases

Oracle Berkeley DB provides the best open source embeddable databases allowing developers the choice of SQL, Key/Value, XML/XQuery or Java Object storage for their data model. At its core is a fast, scalable, transactional database engine with proven reliability and availability.

### Berkeley DB Products | Database | Oracle

Berkeley DB Java Edition – the current version as of November 2017 is 7.5.11 Berkeley DB XML – the current version as of November 2017 is 6.1.4 Each edition has separate database libraries, despite the common branding. The first is the traditional Berkeley DB, written in C.

### Berkeley DB - Wikipedia

public Deleter getDeleter(java.lang.String className, int classVersion, java.lang.String fieldName) Returns the deleter mutation for the given class, version and field, or null if none exists. A null field name should be specified to get a class deleter.

### Mutations (Oracle - Berkeley DB Java Edition API)

Compile SimpleExample.java with the following command: javac je/SimpleExample.java or on Windows: javac je\SimpleExample.java; SimpleExample can either add records to or retrieve records from a database. To insert records into a database, use the following command, specifying an environment directory for the data generated by the example:

### Berkeley DB Java Edition Installation Notes

Berkeley DB, Berkeley DB Java Edition and Berkeley DB XML are open source products. The complete source code, documentation, and files required to build the library on a large number of operating systems and hardware platforms are available for download from Oracle Technology Network.

### Oracle Berkeley DB Licensing Information

Berkeley DB Java Edition is avaiable from the Oracle Maven repository. The Berkeley DB Java Edition package is com.sleepycat and the artifactId is je. Every release available of JE now has a Project Object Model (POM) XML file for use in build tools such as Ant and Maven. The layout for the Oracle Maven repository is shown below:

### Oracle Berkeley DB Java Edition Maven Support

Berkeley DB, Java Edition: A database programmatic toolkit. Changes in 5.0.84. Made it possible to run a JE HA application on a fully disconnected node, with no available network interface.

### The Berkeley DB Java Edition Package: BDB JE Library ...

The Oracle Berkeley DB Java Edition storage backend runs in the same JVM as JanusGraph and provides local persistence on a single machine. Hence, the BerkeleyDB storage backend requires that all of the graph data fits on the local disk and all of the frequently accessed graph elements fit into main memory.