L2
LINENUMBER 2653 L2
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I] [java/lang/InterruptedException]
ASTORE 10
L19
LINENUMBER 2654 L19
NEW com/sleepycat/je/ThreadInterruptedException
DUP
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.getEnv ()Lcom/sleepycat/je/dbi/EnvironmentImpl;
ALOAD 10
INVOKESPECIAL com/sleepycat/je/ThreadInterruptedException.<init> (Lcom/sleepycat/je/dbi/EnvironmentImpl;Ljava/lang/Throwable;)V
ATHROW
entry
TRYCATCHBLOCK L0 L1 L2 java/lang/InterruptedException
TRYCATCHBLOCK L3 L4 L5 java/lang/Error
TRYCATCHBLOCK L6 L7 L5 java/lang/Error
TRYCATCHBLOCK L3 L4 L8 null
TRYCATCHBLOCK L6 L7 L8 null
TRYCATCHBLOCK L5 L9 L8 null
L10
LINENUMBER 2644 L10
LDC "d4bad3a8-ae33-43de-b670-e1243466f036a"
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/region/RegionsManager.enter (Ljava/lang/String;)V
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.getTriggers ()Ljava/util/List;
IFNULL L11
L11
FRAME SAME
ICONST_0
ICONST_1
GOTO L12
L12
FRAME SAME1 I
ISTORE 8
L13
LINENUMBER 2645 L13
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbHandle : Lcom/sleepycat/je/Database;
IFNULL L14
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbHandle : Lcom/sleepycat/je/Database;
L15
LINENUMBER 2646 L15
INVOKEVIRTUAL com/sleepycat/je/Database.hasSecondaryOrForeignKeyAssociations ()Z
IFEQ L14
ICONST_1
GOTO L16
L14
FRAME APPEND [I]
ICONST_0
L16
FRAME SAME1 I
ISTORE 9
L17
LINENUMBER 2648 L17
ILOAD 9
IFEQ L3
L0
LINENUMBER 2650 L0
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.getEnv ()Lcom/sleepycat/je/dbi/EnvironmentImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getSecondaryAssociationLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock;
L18
LINENUMBER 2651 L18
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock.readLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock$ReadLock;
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock.lockInterruptibly ()V
L1
LINENUMBER 2655 L1
GOTO L3
L3
LINENUMBER 2660 L3
FRAME SAME
ACONST_NULL
ASTORE 11
L20
LINENUMBER 2662 L20
ALOAD 6
GETSTATIC com/sleepycat/je/dbi/PutMode.CURRENT : Lcom/sleepycat/je/dbi/PutMode;
IF_ACMPNE L21
L22
LINENUMBER 2663 L22
ALOAD 1
IFNONNULL L23
L24
LINENUMBER 2677 L24
ILOAD 9
IFNE L25
L23
LINENUMBER 2690 L23
FRAME SAME
ALOAD 1
ASTORE 11
ILOAD 8
IFEQ L21
L25
LINENUMBER 2678 L25
FRAME APPEND [T N]
NEW com/sleepycat/je/DatabaseEntry
DUP
INVOKESPECIAL com/sleepycat/je/DatabaseEntry.<init> ()V
ASTORE 1
L26
LINENUMBER 2683 L26
ALOAD 1
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.cursorImpl : Lcom/sleepycat/je/dbi/CursorImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/CursorImpl.getCurrentKey ()[B
INVOKEVIRTUAL com/sleepycat/je/DatabaseEntry.setData ([B)V
GOTO L21
L21
LINENUMBER 2701 L21
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I T com/sleepycat/je/DatabaseEntry] []
ACONST_NULL
ASTORE 12
L27
LINENUMBER 2702 L27
ACONST_NULL
ASTORE 13
L28
LINENUMBER 2708 L28
ACONST_NULL
ASTORE 14
L29
LINENUMBER 2710 L29
ILOAD 9
IFNE L30
ILOAD 8
IFEQ L31
L30
LINENUMBER 2712 L30
FRAME APPEND [N N N]
ALOAD 2
INVOKEVIRTUAL com/sleepycat/je/DatabaseEntry.getPartial ()Z
IFEQ L32
L33
LINENUMBER 2713 L33
NEW com/sleepycat/je/DatabaseEntry
DUP
INVOKESPECIAL com/sleepycat/je/DatabaseEntry.<init> ()V
ASTORE 13
L32
LINENUMBER 2716 L32
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I T com/sleepycat/je/DatabaseEntry N com/sleepycat/je/DatabaseEntry N] []
ILOAD 8
IFEQ L34
L35
LINENUMBER 2717 L35
NEW com/sleepycat/je/DatabaseEntry
DUP
INVOKESPECIAL com/sleepycat/je/DatabaseEntry.<init> ()V
ASTORE 12
L34
LINENUMBER 2720 L34
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I T com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry N] []
ILOAD 9
IFEQ L31
L36
LINENUMBER 2721 L36
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbHandle : Lcom/sleepycat/je/Database;
GETFIELD com/sleepycat/je/Database.secAssoc : Lcom/sleepycat/je/SecondaryAssociation;
ALOAD 1
INVOKEINTERFACE com/sleepycat/je/SecondaryAssociation.getSecondaries (Lcom/sleepycat/je/DatabaseEntry;)Ljava/util/Collection;
ASTORE 14
L37
LINENUMBER 2722 L37
ALOAD 12
IFNONNULL L38
ALOAD 14
L39
LINENUMBER 2723 L39
INVOKESTATIC com/sleepycat/je/SecondaryDatabase.needOldDataForUpdate (Ljava/util/Collection;)Z
IFEQ L38
L40
LINENUMBER 2724 L40
NEW com/sleepycat/je/DatabaseEntry
DUP
INVOKESPECIAL com/sleepycat/je/DatabaseEntry.<init> ()V
ASTORE 12
L38
LINENUMBER 2732 L38
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I T com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry java/util/Collection] []
ALOAD 5
IFNONNULL L31
L41
LINENUMBER 2733 L41
NEW com/sleepycat/je/dbi/ExpirationInfo
DUP
ICONST_0
ICONST_0
ICONST_0
INVOKESPECIAL com/sleepycat/je/dbi/ExpirationInfo.<init> (IZZ)V
ASTORE 5
L31
LINENUMBER 2739 L31
FRAME SAME
ALOAD 6
GETSTATIC com/sleepycat/je/dbi/PutMode.CURRENT : Lcom/sleepycat/je/dbi/PutMode;
IF_ACMPNE L42
L42
LINENUMBER 2747 L42
FRAME SAME
ALOAD 0
ALOAD 1
ALOAD 2
ALOAD 3
ALOAD 4
ALOAD 5
ALOAD 6
ALOAD 12
ALOAD 13
ALOAD 7
INVOKESPECIAL com/sleepycat/je/Cursor.putNoNotify (Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/tree/LN;Lcom/sleepycat/je/CacheMode;Lcom/sleepycat/je/dbi/ExpirationInfo;Lcom/sleepycat/je/dbi/PutMode;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/log/ReplicationContext;)Lcom/sleepycat/je/OperationResult;
ASTORE 10
L43
LINENUMBER 2741 L43
ALOAD 0
ALOAD 11
ALOAD 2
ALOAD 12
ALOAD 13
ALOAD 4
ALOAD 5
ALOAD 7
INVOKESPECIAL com/sleepycat/je/Cursor.putCurrentNoNotify (Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/CacheMode;Lcom/sleepycat/je/dbi/ExpirationInfo;Lcom/sleepycat/je/log/ReplicationContext;)Lcom/sleepycat/je/OperationResult;
ASTORE 10
L44
GOTO L45
L45
LINENUMBER 2752 L45
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I com/sleepycat/je/OperationResult com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry java/util/Collection] []
ALOAD 10
IFNONNULL L6
L46
LINENUMBER 2753 L46
ACONST_NULL
ASTORE 15
L4
LINENUMBER 2812 L4
ILOAD 9
IFEQ L47
L6
LINENUMBER 2767 L6
FRAME CHOP 1
ALOAD 12
IFNULL L50
L48
LINENUMBER 2813 L48
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.getEnv ()Lcom/sleepycat/je/dbi/EnvironmentImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getSecondaryAssociationLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock;
L49
LINENUMBER 2814 L49
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock.readLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock$ReadLock;
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock.unlock ()V
ALOAD 12
INVOKEVIRTUAL com/sleepycat/je/DatabaseEntry.getData ()[B
IFNONNULL L50
L47
LINENUMBER 2753 L47
FRAME APPEND [N]
ALOAD 15
LDC "d4bad3a8-ae33-43de-b670-e1243466f036a"
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/region/RegionsManager.exit (Ljava/lang/String;)V
ARETURN
L51
LINENUMBER 2768 L51
ACONST_NULL
ASTORE 12
L50
LINENUMBER 2771 L50
FRAME SAME
ALOAD 13
IFNONNULL L52
L53
LINENUMBER 2772 L53
ALOAD 2
ASTORE 13
L52
LINENUMBER 2779 L52
FRAME SAME
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.cursorImpl : Lcom/sleepycat/je/dbi/CursorImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/CursorImpl.getLocker ()Lcom/sleepycat/je/txn/Locker;
ASTORE 15
L54
LINENUMBER 2781 L54
ALOAD 14
IFNULL L55
L56
LINENUMBER 2782 L56
ICONST_0
ISTORE 16
L57
LINENUMBER 2784 L57
ALOAD 14
INVOKEINTERFACE java/util/Collection.iterator ()Ljava/util/Iterator;
ASTORE 17
L58
FRAME APPEND [com/sleepycat/je/txn/Locker I java/util/Iterator]
ALOAD 17
INVOKEINTERFACE java/util/Iterator.hasNext ()Z
IFEQ L59
L59
LINENUMBER 2798 L59
FRAME CHOP 1
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.cursorImpl : Lcom/sleepycat/je/dbi/CursorImpl;
ILOAD 16
INVOKEVIRTUAL com/sleepycat/je/dbi/CursorImpl.setNSecondaryWrites (I)V
ALOAD 17
INVOKEINTERFACE java/util/Iterator.next ()Ljava/lang/Object;
CHECKCAST com/sleepycat/je/SecondaryDatabase
ASTORE 18
L60
LINENUMBER 2786 L60
ALOAD 10
INVOKEVIRTUAL com/sleepycat/je/OperationResult.isUpdate ()Z
IFEQ L61
L55
LINENUMBER 2801 L55
FRAME CHOP 2
ILOAD 8
IFEQ L68
ALOAD 18
L62
LINENUMBER 2787 L62
INVOKEVIRTUAL com/sleepycat/je/SecondaryDatabase.updateMayChangeSecondary ()Z
IFEQ L63
L61
LINENUMBER 2789 L61
FRAME APPEND [com/sleepycat/je/SecondaryDatabase]
ILOAD 16
ALOAD 18
ALOAD 15
ACONST_NULL
ALOAD 1
ALOAD 12
ALOAD 13
ALOAD 4
ALOAD 10
L64
LINENUMBER 2792 L64
INVOKEVIRTUAL com/sleepycat/je/OperationResult.getExpirationTime ()J
ALOAD 5
L65
LINENUMBER 2793 L65
INVOKEVIRTUAL com/sleepycat/je/dbi/ExpirationInfo.getExpirationUpdated ()Z
ALOAD 5
L66
LINENUMBER 2794 L66
INVOKEVIRTUAL com/sleepycat/je/dbi/ExpirationInfo.getOldExpirationTime ()J
L67
LINENUMBER 2789 L67
INVOKEVIRTUAL com/sleepycat/je/SecondaryDatabase.updateSecondary (Lcom/sleepycat/je/txn/Locker;Lcom/sleepycat/je/Cursor;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/CacheMode;JZJ)I
IADD
ISTORE 16
L63
LINENUMBER 2796 L63
FRAME SAME
GOTO L58
L69
LINENUMBER 2802 L69
ALOAD 15
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
ALOAD 1
ALOAD 12
ALOAD 13
INVOKESTATIC com/sleepycat/je/dbi/TriggerManager.runPutTriggers (Lcom/sleepycat/je/txn/Locker;Lcom/sleepycat/je/dbi/DatabaseImpl;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;Lcom/sleepycat/je/DatabaseEntry;)V
L68
LINENUMBER 2806 L68
FRAME SAME
ALOAD 10
ASTORE 16
L7
LINENUMBER 2812 L7
ILOAD 9
IFEQ L70
L71
LINENUMBER 2813 L71
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.getEnv ()Lcom/sleepycat/je/dbi/EnvironmentImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getSecondaryAssociationLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock;
L72
LINENUMBER 2814 L72
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock.readLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock$ReadLock;
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock.unlock ()V
L70
LINENUMBER 2806 L70
FRAME APPEND [com/sleepycat/je/OperationResult]
ALOAD 16
ARETURN
L5
LINENUMBER 2808 L5
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I] [java/lang/Error]
ASTORE 10
L73
LINENUMBER 2809 L73
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.getEnv ()Lcom/sleepycat/je/dbi/EnvironmentImpl;
ALOAD 10
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.invalidate (Ljava/lang/Error;)V
L74
LINENUMBER 2810 L74
ALOAD 10
ATHROW
L8
LINENUMBER 2812 L8
FRAME SAME1 java/lang/Throwable
ASTORE 19
L9
ILOAD 9
IFEQ L75
L76
LINENUMBER 2813 L76
ALOAD 0
GETFIELD com/sleepycat/je/Cursor.dbImpl : Lcom/sleepycat/je/dbi/DatabaseImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.getEnv ()Lcom/sleepycat/je/dbi/EnvironmentImpl;
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getSecondaryAssociationLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock;
L77
LINENUMBER 2814 L77
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock.readLock ()Ljava/util/concurrent/locks/ReentrantReadWriteLock$ReadLock;
INVOKEVIRTUAL java/util/concurrent/locks/ReentrantReadWriteLock$ReadLock.unlock ()V
L75
LINENUMBER 2816 L75
FRAME FULL [com/sleepycat/je/Cursor com/sleepycat/je/DatabaseEntry com/sleepycat/je/DatabaseEntry com/sleepycat/je/tree/LN com/sleepycat/je/CacheMode com/sleepycat/je/dbi/ExpirationInfo com/sleepycat/je/dbi/PutMode com/sleepycat/je/log/ReplicationContext I I T T T T T T T T java/lang/Throwable] []
ALOAD 19
LDC "d4bad3a8-ae33-43de-b670-e1243466f036a"
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/region/RegionsManager.exit (Ljava/lang/String;)V
ATHROW
L78
exit