```
entry
                                                         LINENUMBER 3320 L0
                                                         LDC "8cf4c508-4d85-424e-9ba0-193b3fe63445"
                                                         INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.enter (Ljava/lang/String;)V
                                                         ALOAD 1
                                                         INVOKEVIRTUAL com/sleepycat/je/tree/BIN.getDatabase ()Lcom/sleepycat/je/dbi/DatabaseImpl;
                                                         ASTORE 3
                                                         LINENUMBER 3321 L1
                                                         ALOAD 0
                                                         INVOKEVIRTUAL com/sleepycat/je/dbi/CursorImpl$LockStanding.recordExists ()Z
                                                         IFNE L2
                                                                                                                  ICONST_1
                                                            FRAME APPEND [com/sleepycat/je/dbi/DatabaseImpl]
                                                                                                                 GOTO L3
                                                             ICONST_0
                                                              L3
                                                              FRAME SAME1 I
                                                              ISTORE 4
                                                              L4
                                                              LINENUMBER 3322 L4
                                                              ACONST NULL
                                                              ASTORE 5
                                                              L5
                                                              LINENUMBER 3323 L5
                                                              ACONST_NULL
                                                              ASTORE 6
                                                              L6
                                                              LINENUMBER 3324 L6
                                                              GETSTATIC com/sleepycat/je/utilint/VLSN.NULL_VLSN: Lcom/sleepycat/je/utilint/VLSN;
                                                              INVOKEVIRTUAL com/sleepycat/je/utilint/VLSN.getSequence ()J
                                                              LSTORE 7
                                                              L7
                                                              LINENUMBER 3325 L7
                                                              ALOAD 1
                                                              ILOAD 2
                                                              INVOKEVIRTUAL com/sleepycat/je/tree/BIN.getExpiration (I)I
                                                              ISTORE 9
                                                              L8
                                                              LINENUMBER 3326 L8
                                                              ALOAD 1
                                                              INVOKEVIRTUAL com/sleepycat/je/tree/BIN.isExpirationInHours ()Z
                                                              ISTORE 10
                                                              L9
                                                              LINENUMBER 3328 L9
                                                              ALOAD 1
                                                              ILOAD 2
                                                              INVOKEVIRTUAL com/sleepycat/je/tree/BIN.isEmbeddedLN (I)Z
                                                              IFEQ L10
                                                                                   L11
                                                                                   LINENUMBER 3330 L11
                                                                                   ALOAD 1
                                                                                   ILOAD 2
                                                                                   INVOKEVIRTUAL com/sleepycat/je/tree/BIN.getData (I)[B
                                                                                   ASTORE 6
                                                                                   L12
                                                                                   LINENUMBER 3332 L12
                                                                                   ALOAD 1
                                                                                   ILOAD 2
                                                                                   ICONST_0
                                                                                   ACONST_NULL
                                                                                   INVOKEVIRTUAL com/sleepycat/je/tree/BIN.getVLSN (IZLcom/sleepycat/je/CacheMode;)J
                                                                                   LSTORE 7
                                                                                   L13
                                                                                   LINENUMBER 3335 L13
                                                                                   ALOAD 1
                                                                                   INVOKEVIRTUAL com/sleepycat/je/tree/BIN.getDatabase ()Lcom/sleepycat/je/dbi/DatabaseImpl;
                                                                                   INVOKEVIRTUAL com/sleepycat/je/dbi/DatabaseImpl.allowsKeyUpdates ()Z
                                                                                   IFEQ L10
                                                                                                    L14
                                                                                                    LINENUMBER 3336 L14
                                                                                                   ALOAD 1
                                                                                                    ILOAD 2
                                                                                                    INVOKEVIRTUAL com/sleepycat/je/tree/BIN.getKey (I)[B
                                                                                                    ASTORE 5
                                 L10
                                 LINENUMBER 3340 L10
                                 FRAME FULL [com/sleepycat/je/dbi/CursorImpl$LockStanding com/sleepycat/je/tree/BIN I com/sleepycat/je/dbi/DatabaseImpl I [B [B J I I] []
                                 ALOAD 0
                                 GETFIELD com/sleepycat/je/dbi/CursorImpl$LockStanding.lockResult : Lcom/sleepycat/je/txn/LockResult;
                                 IFNONNULL L15
                                                                             L15
                                                                             FRAME SAME
                                                                             ALOAD 0
                                                         ACONST_NULL
                                                                             GETFIELD com/sleepycat/je/dbi/CursorImpl$LockStanding.lockResult : Lcom/sleepycat/je/txn/LockResult;
                                                         GOTO L16
                                                                             L17
                                                                             LINENUMBER 3342 L17
                                                                             INVOKEVIRTUAL com/sleepycat/je/txn/LockResult.getWriteLockInfo ()Lcom/sleepycat/je/txn/WriteLockInfo;
                                                                       L16
                                                                       FRAME SAME1 com/sleepycat/je/txn/WriteLockInfo
                                                                       ASTORE 11
                                                                       L18
                                                                       LINENUMBER 3343 L18
                                                                       ALOAD 11
                                                                       IFNONNULL L19
LINENUMBER 3344 L20
NEW com/sleepycat/je/txn/WriteLockInfo
INVOKESPECIAL com/sleepycat/je/txn/WriteLockInfo.<init> ()V
ASTORE 11
L21
LINENUMBER 3345 L21
ALOAD 11
ALOAD 0
GETFIELD com/sleepycat/je/dbi/CursorImpl$LockStanding.lsn: J INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortLsn (J)V
LINENUMBER 3346 L22
ALOAD 11
                                                                                             L19
ILOAD 4
                                                                                             LINENUMBER 3353 L19
INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortKnownDeleted (Z)V
                                                                                             FRAME APPEND [com/sleepycat/je/txn/WriteLockInfo]
                                                                                              ALOAD 0
LINENUMBER 3347 L23
ALOAD 11
                                                                                              GETFIELD com/sleepycat/je/dbi/CursorImpl$LockStanding.lockResult : Lcom/sleepycat/je/txn/LockResult;
ALOAD 5
                                                                                              GETFIELD com/sleepycat/je/dbi/CursorImpl$LockStanding.lsn: J
INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortKey ([B)V
                                                                                              ILOAD 4
                                                                                              ALOAD 5
LINENUMBER 3348 L24
ALOAD 11
                                                                                              ALOAD 6
                                                                                              LLOAD 7
ALOAD 6
                                                                                             ILOAD 9
INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortData ([B)V
                                                                                              ILOAD 10
                                                                                              ALOAD 3
LINENUMBER 3349 L25
                                                                                             INVOKEVIRTUAL com/sleepycat/je/txn/LockResult.setAbortInfo (JZ[B[BJIZLcom/sleepycat/je/dbi/DatabaseImpl;)V
ALOAD 11
LLOAD 7
INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortVLSN (J)V
LINENUMBER 3350 L26
ALOAD 11
ILOAD 9
ILOAD 10
INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortExpiration (IZ)V
LINENUMBER 3351 L27
ALOAD 11
ALOAD 3
INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setDb (Lcom/sleepycat/je/dbi/DatabaseImpl;)V
GOTO L28
                                                  LINENUMBER 3357 L28
                                                  FRAME SAME
                                                  ALOAD 11
                                                  LDC "8cf4c508-4d85-424e-9ba0-193b3fe63445"
                                                  INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.exit (Ljava/lang/String;)V
                                                  ARETURN
                                                  L29
```

exit