```
entry
                                          LINENUMBER 3320 L0
                                          LDC "9e83ff23-3ecf-4751-a2b8-a6b67bc744a9"
                                          INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.enter (Ljava/lang/String;)V
                                          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
                                                                 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 ()Ž
                     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
LINENUMBER 3345 L21
ALOAD 11
ALOAD 0
GETFIELD com/sleepycat/je/dbi/CursorImpl$LockStanding.lsn: JINVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortLsn(J)V
LINENUMBER 3346 L22
ALOAD 11
                                                                                              L19
                                                                                              LINENUMBER 3353 L19
INVOKEVIRTUAL com/sleepycat/je/txn/WriteLockInfo.setAbortKnownDeleted (Z)V
                                                                                              FRAME APPEND [com/sleepycat/je/txn/WriteLockInfo]
                                                                                              ALOAD 0
LINENUMBER 3347 L23
ALOAD 11
                                                                                              GETFIELD com/sleepycat/je/dbi/CursorImpl$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 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 "9e83ff23-3ecf-4751-a2b8-a6b67bc744a9"
                                                  INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.exit (Ljava/lang/String;)V
                                                  ARETURN
                                                  L29
```

exit

L21

ILOAD 4

ILOAD 9