```
LINENUMBER 696 L0
             LDC "498ad5fb-e32e-4958-bb95-35e34f76020d"
             INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.enter (Ljava/lang/String;)V
             INVOKESPECIAL java/lang/Object.<init>()V
             LINENUMBER 643 L1
             ALOAD 0
             NEW java/util/concurrent/atomic/AtomicLong
             LCONST 0
             INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V PUTFIELD com/sleepycat/je/dbi/MemoryBudget.treeMemoryUsage: Ljava/util/concurrent/atomic/AtomicLong;
             LINENUMBER 648 L2
             ALOAD 0
             NEW java/util/concurrent/atomic/AtomicLong
             LCONST_0
             INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init>(J)V
             PUTFIELD com/sleepycat/je/dbi/MemoryBudget.dosMemoryUsage: Ljava/util/concurrent/atomic/AtomicLong;
             LINENUMBER 653 L3
             ALOAD 0
             NEW java/util/concurrent/atomic/AtomicLong
             LCONST 0
            INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init>(J)V
             PUTFIELD com/sleepycat/je/dbi/MemoryBudget.txnMemoryUsage: Ljava/util/concurrent/atomic/AtomicLong;
            LINENUMBER 659 L4
             ALOAD 0
             NEW java/util/concurrent/atomic/AtomicLong
             DUP `
             LCONST 0
             INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init>(J)V PUTFIELD com/sleepycat/je/dbi/MemoryBudget.adminMemoryUsage: Ljava/util/concurrent/atomic/AtomicLong;
             LINENUMBER 668 L5
             ALOAD 0
             NEW java/util/concurrent/atomic/AtomicLong
             DUP
             LCONST_0
             INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init>(J)V
             PUTFIELD com/sleepycat/je/dbi/MemoryBudget.treeAdminMemoryUsage: Ljava/util/concurrent/atomic/AtomicLong;
             LINENUMBER 674 L6
             ALOAD 0
             NEW java/util/concurrent/atomic/AtomicLong
             LCONST 0
             INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init>(J)V
             PUTFIELD com/sleepycat/je/dbi/MemoryBudget.lockMemoryUsage: Ljava/util/concurrent/atomic/AtomicLong;
             LINENUMBER 698 L7
              ALOAD 0
             ALOAD 1
             PUTFIELD com/sleepycat/je/dbi/MemoryBudget.envImpl: Lcom/sleepycat/je/dbi/EnvironmentImpl;
             LINENUMBER 701 L8
             ALOAD 1
             ALOAD 0
             INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.addConfigObserver (Lcom/sleepycat/je/dbi/EnvConfigObserver;)V
             LINENUMBER 705 L9
             ALOAD 1
            INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getSharedCache ()Z
                                          LINENUMBER 715 L10
                                           FRAME SAME
                                           ALOAD 0
                                           NEW com/sleepycat/je/dbi/MemoryBudget$PrivateTotals
                                           ALOAD 0
             LINENUMBER 706 L1
                                           ACONST_NULL
              ALOAD 2
IFNULL L12
                                          INVOKESPECIAL com/sleepycat/je/dbi/MemoryBudget$PrivateTotals.<init> (Lcom/sleepycat/je/dbi/MemoryBudget;Lcom/sleepycat/je/dbi/MemoryBudget$1;)V PUTFIELD com/sleepycat/je/dbi/MemoryBudget.totals: Lcom/sleepycat/je/dbi/MemoryBudget$Totals;
                                           LINENUMBER 716 L19
                                           ALOAD 0
                                           ALOAD 3
                                           INVOKESPECIAL com/sleepycat/je/dbi/MemoryBudget.calcMaxMemory (Lcom/sleepycat/je/dbi/DbConfigManager;)J
                                           LSTORE 4
L13
LINENUMBER 707 L13
ALOAD 0
ALOAD 2
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getMemoryBudget ()Lcom/sleepycat/je/dbi/MemoryBudget; GETFIELD com/sleepycat/je/dbi/MemoryBudget.totals: Lcom/sleepycat/je/dbi/MemoryBudget$Totals; PUTFIELD com/sleepycat/je/dbi/MemoryBudget.totals: Lcom/sleepycat/je/dbi/MemoryBudget$Totals;
LINENUMBER 709 L14
LDC -1
LSTORE 4
L15
GOTO L16
     LINENUMBER 718 L16
    FRAME APPEND [J]
     ALOAD 0
    LLOAD 4
     ICONST 1
     ALOAD 3
    INVOKEVIRTUAL com/sleepycat/je/dbi/MemoryBudget.reset (JZLcom/sleepycat/je/dbi/DbConfigManager;)V
    LINENUMBER 720 L20
     ALOAD 0
    INVOKESPECIAL com/sleepycat/je/dbi/MemoryBudget.checkCompressedOops ()V
     LINENUMBER 721 L21
    LDC "498ad5fb-e32e-4958-bb95-35e34f76020d"
    INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.exit (Ljava/lang/String;)V
```

exit

```
LINENUMBER 711 L12
FRAME FULL [com/sleepycat/je/dbi/MemoryBudget com/sleepycat/je/dbi/EnvironmentImpl com/sleepycat/je/dbi/EnvironmentImpl com/sleepycat/je/dbi/DbConfigManager] []
ALOAD 0
NEW com/sleepycat/je/dbi/MemoryBudget$SharedTotals
DUP
ACONST_NULL
INVOKESPECIAL com/sleepycat/je/dbi/MemoryBudget$SharedTotals.<init> (Lcom/sleepycat/je/dbi/MemoryBudget$1;)V
PUTFIELD com/sleepycat/je/dbi/MemoryBudget.totals: Lcom/sleepycat/je/dbi/MemoryBudget$Totals;
L17
LINENUMBER 712 L17
ALOAD 0
ALOAD 3
```

INVOKESPECIAL com/sleepycat/je/dbi/MemoryBudget.calcMaxMemory (Lcom/sleepycat/je/dbi/DbConfigManager;)J

LSTORE 4

GOTO L16

L18