

entry

```
L0
LINENUMBER 100 L0
LDC "3163e453-faeb-49a1-b4dc-358b400be142"
INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.enter (Ljava/lang/String;)V
ALOAD 0
INVOKESPECIAL java/lang/Object.<init> ()V
L1
LINENUMBER 98 L1
ALOAD 0
LCONST_0
PUTFIELD com/sleepycat/je/txn/TxnManager.nTotalCommits : J
L2
LINENUMBER 101 L2
ALOAD 0
NEW com/sleepycat/je/txn/SyncedLockManager
DUP
ALOAD 1
INVOKESPECIAL com/sleepycat/je/txn/SyncedLockManager.<init> (Lcom/sleepycat/je/dbi/EnvironmentImpl;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.lockManager : Lcom/sleepycat/je/txn/LockManager;
L3
LINENUMBER 103 L3
ALOAD 1
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.isNoLocking ()Z
IFEQ L4
```

```
L5
LINENUMBER 104 L5
ALOAD 0
NEW com/sleepycat/je/txn/DummyLockManager
DUP
ALOAD 1
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.lockManager : Lcom/sleepycat/je/txn/LockManager;
INVOKESPECIAL com/sleepycat/je/txn/DummyLockManager.<init> (Lcom/sleepycat/je/dbi/EnvironmentImpl;Lcom/sleepycat/je/txn/LockManager;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.lockManager : Lcom/sleepycat/je/txn/LockManager;
```

```
L4
LINENUMBER 107 L4
FRAME FULL [com/sleepycat/je/txn/TxnManager com/sleepycat/je/dbi/EnvironmentImpl] []
ALOAD 0
ALOAD 1
PUTFIELD com/sleepycat/je/txn/TxnManager.envImpl : Lcom/sleepycat/je/dbi/EnvironmentImpl;
L6
LINENUMBER 108 L6
ALOAD 0
ALOAD 1
LDC "TxnManager.allTxns"
ICONST_0
INVOKESTATIC com/sleepycat/je/latch/LatchFactory.createSharedLatch (Lcom/sleepycat/je/dbi/EnvironmentImpl;Ljava/lang/String;Z)Lcom/sleepycat/je/latch/SharedLatch;
PUTFIELD com/sleepycat/je/txn/TxnManager.allTxnsLatch : Lcom/sleepycat/je/latch/SharedLatch;
L7
LINENUMBER 110 L7
ALOAD 0
NEW java/util/concurrent/ConcurrentHashMap
DUP
INVOKESPECIAL java/util/concurrent/ConcurrentHashMap.<init> ()V
PUTFIELD com/sleepycat/je/txn/TxnManager.allTxns : Ljava/util/Map;
L8
LINENUMBER 111 L8
ALOAD 0
NEW java/util/HashMap
DUP
INVOKESPECIAL java/util/HashMap.<init> ()V
INVOKESTATIC java/util/Collections.synchronizedMap (Ljava/util/Map;)Ljava/util/Map;
PUTFIELD com/sleepycat/je/txn/TxnManager.allXATxns : Ljava/util/Map;
L9
LINENUMBER 112 L9
ALOAD 0
NEW java/util/concurrent/ConcurrentHashMap
DUP
INVOKESPECIAL java/util/concurrent/ConcurrentHashMap.<init> ()V
PUTFIELD com/sleepycat/je/txn/TxnManager.thread2Txn : Ljava/util/Map;
L10
LINENUMBER 114 L10
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/txn/TxnManager.lastUsedLocalTxnId : Ljava/util/concurrent/atomic/AtomicLong;
L11
LINENUMBER 115 L11
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LDC -10
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/txn/TxnManager.lastUsedReplicatedTxnId : Ljava/util/concurrent/atomic/AtomicLong;
L12
LINENUMBER 116 L12
ALOAD 0
NEW java/util/concurrent/atomic/AtomicInteger
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicInteger.<init> (I)V
PUTFIELD com/sleepycat/je/txn/TxnManager.nActiveSerializable : Ljava/util/concurrent/atomic/AtomicInteger;
L13
LINENUMBER 119 L13
ALOAD 0
NEW com/sleepycat/je/utilint/StatGroup
DUP
LDC "Transaction"
LDC "Transaction statistics"
INVOKESPECIAL com/sleepycat/je/utilint/StatGroup.<init> (Ljava/lang/String;Ljava/lang/String;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
L14
LINENUMBER 120 L14
ALOAD 0
NEW com/sleepycat/je/utilint/IntStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_ACTIVE : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/IntStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.nActive : Lcom/sleepycat/je/utilint/IntStat;
L15
LINENUMBER 121 L15
ALOAD 0
NEW com/sleepycat/je/utilint/LongStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_BEGINS : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/LongStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.numBegins : Lcom/sleepycat/je/utilint/LongStat;
L16
LINENUMBER 122 L16
ALOAD 0
NEW com/sleepycat/je/utilint/LongStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_COMMITS : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/LongStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.numCommits : Lcom/sleepycat/je/utilint/LongStat;
L17
LINENUMBER 123 L17
ALOAD 0
NEW com/sleepycat/je/utilint/LongStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_ABORTS : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/LongStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.numAborts : Lcom/sleepycat/je/utilint/LongStat;
L18
LINENUMBER 124 L18
ALOAD 0
NEW com/sleepycat/je/utilint/LongStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_XAPREPARES : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/LongStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.numXAPrepares : Lcom/sleepycat/je/utilint/LongStat;
L19
LINENUMBER 125 L19
ALOAD 0
NEW com/sleepycat/je/utilint/LongStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_XACOMMITS : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/LongStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.numXACommits : Lcom/sleepycat/je/utilint/LongStat;
L20
LINENUMBER 126 L20
ALOAD 0
NEW com/sleepycat/je/utilint/LongStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_XAABORTS : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/LongStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.numXAAborts : Lcom/sleepycat/je/utilint/LongStat;
L21
LINENUMBER 127 L21
ALOAD 0
NEW com/sleepycat/je/utilint/ActiveTxnArrayStat
DUP
ALOAD 0
GETFIELD com/sleepycat/je/txn/TxnManager.stats : Lcom/sleepycat/je/utilint/StatGroup;
GETSTATIC com/sleepycat/je/dbi/TxnStatDefinition.TXN_ACTIVE_TXNS : Lcom/sleepycat/je/utilint/StatDefinition;
INVOKESPECIAL com/sleepycat/je/utilint/ActiveTxnArrayStat.<init> (Lcom/sleepycat/je/utilint/StatGroup;Lcom/sleepycat/je/utilint/StatDefinition;)V
PUTFIELD com/sleepycat/je/txn/TxnManager.activeTxns : Lcom/sleepycat/je/utilint/ActiveTxnArrayStat;
L22
LINENUMBER 128 L22
LDC "3163e453-faeb-49a1-b4dc-358b400be142"
INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.exit (Ljava/lang/String;)V
RETURN
L23
```

exit