```
L2
LINENUMBER 672 L2
FRAME SAME1 java/lang/Throwable
ASTORE 3
L37
LINENUMBER 674 L37
NEW java/lang/IllegalStateException
DUP
LDC "Unable to create default allocator for off-heap cache"
ALOAD 3
INVOKESPECIAL java/lang/IllegalStateException.<init> (Ljava/lang/String;Ljava/lang/Throwable;)V
ATHROW
```

```
TRYCATCHBLOCK L0 L1 L2 java/lang/Throwable
L3
LINENUMBER 656 L3
ALOAD 0
INVOKESPECIAL java/lang/Object.<init> ()V
L4
LINENUMBER 615 L4
ALOAD 0
NEW java/util/concurrent/atomic/AtomicInteger
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicInteger.<init> (I)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.activePoolThreads : Ljava/util/concurrent/atomic/AtomicInteger;
L5
LINENUMBER 616 L5
ALOAD 0
NEW java/util/concurrent/atomic/AtomicBoolean
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicBoolean.<init> (Z)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.shutdownRequested : Ljava/util/concurrent/atomic/AtomicBoolean;
L6
LINENUMBER 626 L6
ALOAD 0
ICONST_M1
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.firstFreeListEntry : I
L7
LINENUMBER 627 L7
ALOAD 0
NEW java/lang/Object
DUP
INVOKESPECIAL java/lang/Object.<init> ()V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.addRemoveEntryMutex : Ljava/lang/Object;
L8
LINENUMBER 632 L8
ALOAD 0
ICONST_0
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nextPri1LRUList : I
L9
LINENUMBER 633 L9
ALOAD 0
ICONST_0
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nextPri2LRUList : I
L10
LINENUMBER 635 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/evictor/OffHeapCache.nAllocFailure : Ljava/util/concurrent/atomic/AtomicLong;
L11
LINENUMBER 636 L11
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nAllocOverflow : Ljava/util/concurrent/atomic/AtomicLong;
L12
LINENUMBER 637 L12
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nThreadUnavailable : Ljava/util/concurrent/atomic/AtomicLong;
L13
LINENUMBER 638 L13
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nCriticalNodesTargeted : Ljava/util/concurrent/atomic/AtomicLong;
L14
LINENUMBER 639 L14
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nNodesTargeted : Ljava/util/concurrent/atomic/AtomicLong;
L15
LINENUMBER 640 L15
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nNodesEvicted : Ljava/util/concurrent/atomic/AtomicLong;
L16
LINENUMBER 641 L16
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nDirtyNodesEvicted : Ljava/util/concurrent/atomic/AtomicLong;
L17
LINENUMBER 642 L17
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nNodesStripped : Ljava/util/concurrent/atomic/AtomicLong;
L18
LINENUMBER 643 L18
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nNodesMutated : Ljava/util/concurrent/atomic/AtomicLong;
L19
LINENUMBER 644 L19
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nNodesSkipped : Ljava/util/concurrent/atomic/AtomicLong;
L20
LINENUMBER 645 L20
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nLNsEvicted : Ljava/util/concurrent/atomic/AtomicLong;
L21
LINENUMBER 646 L21
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nLNsLoaded : Ljava/util/concurrent/atomic/AtomicLong;
L22
LINENUMBER 647 L22
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nLNsStored : Ljava/util/concurrent/atomic/AtomicLong;
L23
LINENUMBER 648 L23
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nBINsLoaded : Ljava/util/concurrent/atomic/AtomicLong;
L24
LINENUMBER 649 L24
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
LCONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> (J)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.nBINsStored : Ljava/util/concurrent/atomic/AtomicLong;
L25
LINENUMBER 650 L25
ALOAD 0
NEW java/util/concurrent/atomic/AtomicInteger
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicInteger.<init> (I)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.cachedLNs : Ljava/util/concurrent/atomic/AtomicInteger;
L26
LINENUMBER 651 L26
ALOAD 0
NEW java/util/concurrent/atomic/AtomicInteger
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicInteger.<init> (I)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.cachedBINs : Ljava/util/concurrent/atomic/AtomicInteger;
L27
LINENUMBER 652 L27
ALOAD 0
NEW java/util/concurrent/atomic/AtomicInteger
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicInteger.<init> (I)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.cachedBINDeltas : Ljava/util/concurrent/atomic/AtomicInteger;
L28
LINENUMBER 653 L28
ALOAD 0
NEW java/util/concurrent/atomic/AtomicInteger
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicInteger.<init> (I)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.totalBlocks : Ljava/util/concurrent/atomic/AtomicInteger;
L29
LINENUMBER 654 L29
ALOAD 0
NEW java/util/concurrent/atomic/AtomicInteger
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicInteger.<init> (I)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.lruSize : Ljava/util/concurrent/atomic/AtomicInteger;
L30
LINENUMBER 658 L30
ALOAD 0
ALOAD 0
INVOKEVIRTUAL java/lang/Object.getClass ()Ljava/lang/Class;
INVOKESTATIC com/sleepycat/je/utilint/LoggerUtils.getLogger (Ljava/lang/Class;)Ljava/util/logging/Logger;
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.logger : Ljava/util/logging/Logger;
L31
LINENUMBER 660 L31
ALOAD 1
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getConfigManager ()Lcom/sleepycat/je/dbi/DbConfigManager;
ASTORE 2
L32
LINENUMBER 662 L32
ALOAD 0
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.MAX_OFF_HEAP_MEMORY : Lcom/sleepycat/je/config/LongConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getLong (Lcom/sleepycat/je/config/LongConfigParam;)J
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.maxMemory : J
L33
LINENUMBER 665 L33
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.maxMemory : J
LCONST_0
LCMP
IFNE L0
```

```
L0
LINENUMBER 669 L0
FRAME FULL [com/sleepycat/je/evictor/OffHeapCache com/sleepycat/je/dbi/EnvironmentImpl com/sleepycat/je/dbi/DbConfigManager] []
NEW com/sleepycat/je/evictor/OffHeapAllocatorFactory
DUP
INVOKESPECIAL com/sleepycat/je/evictor/OffHeapAllocatorFactory.<init> ()V
ASTORE 3
L36
LINENUMBER 671 L36
ALOAD 0
ALOAD 3
INVOKEVIRTUAL com/sleepycat/je/evictor/OffHeapAllocatorFactory.getDefaultAllocator ()Lcom/sleepycat/je/evictor/OffHeapAllocator;
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.allocator : Lcom/sleepycat/je/evictor/OffHeapAllocator;
L1
LINENUMBER 676 L1
GOTO L35
```

```
L34
LINENUMBER 666 L34
ALOAD 0
GETSTATIC com/sleepycat/je/evictor/DummyAllocator.INSTANCE : Lcom/sleepycat/je/evictor/DummyAllocator;
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.allocator : Lcom/sleepycat/je/evictor/OffHeapAllocator;
GOTO L35
```

```
L35
LINENUMBER 679 L35
FRAME SAME
ALOAD 0
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.OFFHEAP_EVICT_BYTES : Lcom/sleepycat/je/config/LongConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getLong (Lcom/sleepycat/je/config/LongConfigParam;)J
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.evictBytes : J
L38
LINENUMBER 682 L38
ALOAD 0
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.OFFHEAP_N_LRU_LISTS : Lcom/sleepycat/je/config/IntConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getInt (Lcom/sleepycat/je/config/IntConfigParam;)I
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.numLRULists : I
L39
LINENUMBER 685 L39
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.allocator : Lcom/sleepycat/je/evictor/OffHeapAllocator;
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.maxMemory : J
INVOKEINTERFACE com/sleepycat/je/evictor/OffHeapAllocator.setMaxBytes (J)V
L40
LINENUMBER 686 L40
ALOAD 0
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.maxMemory : J
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.memoryLimit : J
L41
LINENUMBER 688 L41
ALOAD 0
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.numLRULists : I
ANEWARRAY com/sleepycat/je/evictor/OffHeapCache$LRUList
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.pri1LRUSet : [Lcom/sleepycat/je/evictor/OffHeapCache$LRUList;
L42
LINENUMBER 689 L42
ALOAD 0
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.numLRULists : I
ANEWARRAY com/sleepycat/je/evictor/OffHeapCache$LRUList
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.pri2LRUSet : [Lcom/sleepycat/je/evictor/OffHeapCache$LRUList;
L43
LINENUMBER 691 L43
ICONST_0
ISTORE 3
```

```
L44
FRAME APPEND [I]
ILOAD 3
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.numLRULists : I
IF_ICMPGE L45
```

```
L46
LINENUMBER 692 L46
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.pri1LRUSet : [Lcom/sleepycat/je/evictor/OffHeapCache$LRUList;
ILOAD 3
NEW com/sleepycat/je/evictor/OffHeapCache$LRUList
DUP
ALOAD 0
ACONST_NULL
INVOKESPECIAL com/sleepycat/je/evictor/OffHeapCache$LRUList.<init> (Lcom/sleepycat/je/evictor/OffHeapCache;Lcom/sleepycat/je/evictor/OffHeapCache$1;)V
AASTORE
L47
LINENUMBER 693 L47
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.pri2LRUSet : [Lcom/sleepycat/je/evictor/OffHeapCache$LRUList;
ILOAD 3
NEW com/sleepycat/je/evictor/OffHeapCache$LRUList
DUP
ALOAD 0
ACONST_NULL
INVOKESPECIAL com/sleepycat/je/evictor/OffHeapCache$LRUList.<init> (Lcom/sleepycat/je/evictor/OffHeapCache;Lcom/sleepycat/je/evictor/OffHeapCache$1;)V
AASTORE
L48
LINENUMBER 691 L48
IINC 3 1
GOTO L44
```

```
L45
LINENUMBER 700 L45
FRAME SAME
ALOAD 0
ACONST_NULL
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.freedBlocks : Ljava/util/Map;
L49
LINENUMBER 701 L49
ALOAD 0
ACONST_NULL
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.prevFreedBlocks : Ljava/util/Map;
L50
LINENUMBER 704 L50
ALOAD 0
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.EVICTOR_TERMINATE_TIMEOUT : Lcom/sleepycat/je/config/DurationConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getDuration (Lcom/sleepycat/je/config/DurationConfigParam;)I
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.terminateMillis : I
L51
LINENUMBER 707 L51
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.OFFHEAP_CORE_THREADS : Lcom/sleepycat/je/config/IntConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getInt (Lcom/sleepycat/je/config/IntConfigParam;)I
ISTORE 3
L52
LINENUMBER 710 L52
ALOAD 0
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.OFFHEAP_MAX_THREADS : Lcom/sleepycat/je/config/IntConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getInt (Lcom/sleepycat/je/config/IntConfigParam;)I
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.maxPoolThreads : I
L53
LINENUMBER 713 L53
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.OFFHEAP_KEEP_ALIVE : Lcom/sleepycat/je/config/DurationConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getDuration (Lcom/sleepycat/je/config/DurationConfigParam;)I
I2L
LSTORE 4
L54
LINENUMBER 716 L54
ALOAD 1
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getSharedCache ()Z
ISTORE 6
L55
LINENUMBER 718 L55
ALOAD 0
L56
NEW java/util/concurrent/ThreadPoolExecutor
DUP
ILOAD 3
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.maxPoolThreads : I
LLOAD 4
GETSTATIC java/util/concurrent/TimeUnit.MILLISECONDS : Ljava/util/concurrent/TimeUnit;
NEW java/util/concurrent/ArrayBlockingQueue
DUP
ICONST_1
INVOKESPECIAL java/util/concurrent/ArrayBlockingQueue.<init> (I)V
L57
NEW com/sleepycat/je/utilint/StoppableThreadFactory
DUP
ILOAD 6
IFEQ L58
```

```
ACONST_NULL
GOTO L59
```

```
L58
FRAME FULL [com/sleepycat/je/evictor/OffHeapCache com/sleepycat/je/dbi/EnvironmentImpl com/sleepycat/je/dbi/DbConfigManager I J I] [com/sleepycat/je/evictor/OffHeapCache L56 L56 I I J java/util/concurrent/TimeUnit java/util/concurrent/ArrayBlockingQueue L57 L57]
ALOAD 1
```

```
L59
FRAME FULL [com/sleepycat/je/evictor/OffHeapCache com/sleepycat/je/dbi/EnvironmentImpl com/sleepycat/je/dbi/DbConfigManager I J I] [com/sleepycat/je/evictor/OffHeapCache L56 L56 I I J java/util/concurrent/TimeUnit java/util/concurrent/ArrayBlockingQueue L57 L57 com/sleepycat/je/dbi/EnvironmentImpl]
LDC "JEOffHeapEvictor"
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.logger : Ljava/util/logging/Logger;
INVOKESPECIAL com/sleepycat/je/utilint/StoppableThreadFactory.<init> (Lcom/sleepycat/je/dbi/EnvironmentImpl;Ljava/lang/String;Ljava/util/logging/Logger;)V
NEW com/sleepycat/je/evictor/OffHeapCache$1
DUP
ALOAD 0
INVOKESPECIAL com/sleepycat/je/evictor/OffHeapCache$1.<init> (Lcom/sleepycat/je/evictor/OffHeapCache;)V
INVOKESPECIAL java/util/concurrent/ThreadPoolExecutor.<init> (IIJLjava/util/concurrent/TimeUnit;Ljava/util/concurrent/BlockingQueue;Ljava/util/concurrent/ThreadFactory;Ljava/util/concurrent/RejectedExecutionHandler;)V
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.evictionPool : Ljava/util/concurrent/ThreadPoolExecutor;
L60
LINENUMBER 732 L60
ALOAD 0
ALOAD 2
GETSTATIC com/sleepycat/je/config/EnvironmentParams.ENV_RUN_OFFHEAP_EVICTOR : Lcom/sleepycat/je/config/BooleanConfigParam;
INVOKEVIRTUAL com/sleepycat/je/dbi/DbConfigManager.getBoolean (Lcom/sleepycat/je/config/BooleanConfigParam;)Z
PUTFIELD com/sleepycat/je/evictor/OffHeapCache.runEvictorThreads : Z
L61
LINENUMBER 735 L61
ALOAD 1
ALOAD 0
INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.addConfigObserver (Lcom/sleepycat/je/dbi/EnvConfigObserver;)V
L62
LINENUMBER 736 L62
RETURN
L63
```