

entry

```
TRYCATCHBLOCK L0 L1 L2 java/lang/Throwable
L3
LINENUMBER 656 L3
LDC "6b0e97:9735-4ab2-9d1e-ba153509270"
INVOKESPECIAL edu/cmus/niveluze/java/execute/region/RegionsManager.enter (Ljava/lang/String;)V
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> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.activatedThreads : 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/sleepcat/je/victor/OffHeapCache.shutdownRequested : Ljava/util/concurrent/atomic/AtomicBoolean;
L6
LINENUMBER 626 L6
ALOAD 0
ICONST_M1
PUTFIELD com/sleepcat/je/victor/OffHeapCache.firstFreeListEntry : I
L7
LINENUMBER 627 L7
ALOAD 0
NEW java/lang/Object
INVOKESPECIAL java/lang/Object.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.addRemoveEntryMutex : Ljava/lang/Object;
L8
LINENUMBER 632 L8
ALOAD 0
ICONST_0
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nextPtiLRUList : I
L9
LINENUMBER 633 L9
ALOAD 0
ICONST_0
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nextPti2LRUList : I
L10
LINENUMBER 635 L10
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nAllocFailure : Ljava/util/concurrent/atomic/AtomicLong;
L11
LINENUMBER 636 L11
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nAllocOverflow : Ljava/util/concurrent/atomic/AtomicLong;
L12
LINENUMBER 637 L12
ALOAD 0
GETSTATIC java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nThreadUnavailable : Ljava/util/concurrent/atomic/AtomicLong;
L13
LINENUMBER 638 L13
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nDirtyNodesEvicted : Ljava/util/concurrent/atomic/AtomicLong;
L14
LINENUMBER 639 L14
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesTargeted : Ljava/util/concurrent/atomic/AtomicLong;
L15
LINENUMBER 640 L15
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesEvicted : Ljava/util/concurrent/atomic/AtomicLong;
L16
LINENUMBER 641 L16
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesStripped : Ljava/util/concurrent/atomic/AtomicLong;
L17
LINENUMBER 642 L17
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesSkipped : Ljava/util/concurrent/atomic/AtomicLong;
L18
LINENUMBER 643 L18
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesMutated : Ljava/util/concurrent/atomic/AtomicLong;
L19
LINENUMBER 644 L19
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesStripped : Ljava/util/concurrent/atomic/AtomicLong;
L20
LINENUMBER 645 L20
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesStripped : Ljava/util/concurrent/atomic/AtomicLong;
L21
LINENUMBER 646 L21
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesStripped : Ljava/util/concurrent/atomic/AtomicLong;
L22
LINENUMBER 647 L22
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesStripped : Ljava/util/concurrent/atomic/AtomicLong;
L23
LINENUMBER 648 L23
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesStripped : Ljava/util/concurrent/atomic/AtomicLong;
L24
LINENUMBER 649 L24
ALOAD 0
NEW java/util/concurrent/atomic/AtomicLong
DUP
ICONST_0
INVOKESPECIAL java/util/concurrent/atomic/AtomicLong.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nNodesStripped : 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> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.cachedBINS : 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> ()V
PUTFIELD com/sleepcat/je/victor/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> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.cachedBINS : 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> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.cachedBINS : 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> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.cachedBINS : Ljava/util/concurrent/atomic/AtomicInteger;
L30
LINENUMBER 658 L30
ALOAD 0
ALOAD 0
INVOKEVIRTUAL java/lang/Object.getClass ()Ljava/lang/Class;
INVOKESPECIAL java/lang/Class.<init> ()V
PUTFIELD com/sleepcat/je/victor/OffHeapCache.logger : Ljava/lang/Class;
L31
LINENUMBER 660 L31
ALOAD 1
INVOKEVIRTUAL com/sleepcat/je/dbi/EnvironmentImpl.getConfigManager ()Lcom/sleepcat/je/dbi/DtConfigManager;
ASTORE 2
L32
LINENUMBER 662 L32
ALOAD 0
ALOAD 2
GETSTATIC com/sleepcat/je/config/EnvironmentParams.OFFHEAP_EVICT_BYTES : Lcom/sleepcat/je/config/LongConfigParam;
INVOKEVIRTUAL com/sleepcat/je/dbi/DtConfigManager.getLong ()Lcom/sleepcat/je/config/LongConfigParam;
PUTFIELD com/sleepcat/je/victor/OffHeapCache.maxMemory : J
L33
LINENUMBER 665 L33
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.maxMemory : J
LCONST_0
LCMP
JFNE L0
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L34
LINENUMBER 666 L34
ALOAD 0
GETSTATIC com/sleepcat/je/victor/DummyAllocator.INSTANCE : Lcom/sleepcat/je/victor/DummyAllocator;
PUTFIELD com/sleepcat/je/victor/OffHeapCache.allocator : Lcom/sleepcat/je/victor/OffHeapAllocator;
GOTO L35
```

```
L0
LINENUMBER 669 L0
FRAME FULL [com/sleepcat/je/victor/OffHeapCache com/sleepcat/je/dbi/EnvironmentImpl com/sleepcat/je/dbi/DtConfigManager]
NEW com/sleepcat/je/victor/OffHeapAllocatorFactory
DUP
INVOKESPECIAL com/sleepcat/je/victor/OffHeapAllocatorFactory.<init> ()V
ASTORE 3
LINENUMBER 671 L36
ALOAD 0
ALOAD 3
INVOKEVIRTUAL com/sleepcat/je/victor/OffHeapAllocatorFactory.getDefaultAllocator ()Lcom/sleepcat/je/victor/OffHeapAllocator;
PUTFIELD com/sleepcat/je/victor/OffHeapCache.allocator : Lcom/sleepcat/je/victor/OffHeapAllocator;
```

L1

LINENUMBER 676 L1

GOTO L35

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L35
LINENUMBER 679 L35
FRAME SAME
ALOAD 2
ALOAD 2
GETSTATIC com/sleepcat/je/config/EnvironmentParams.OFFHEAP_EVICT_BYTES : Lcom/sleepcat/je/config/LongConfigParam;
INVOKEVIRTUAL com/sleepcat/je/dbi/DtConfigManager.getLong ()Lcom/sleepcat/je/config/LongConfigParam;
PUTFIELD com/sleepcat/je/victor/OffHeapCache.evictBytes : J
L38
LINENUMBER 682 L38
ALOAD 0
ALOAD 2
GETSTATIC com/sleepcat/je/config/EnvironmentParams.OFFHEAP_N_LRU_LISTS : Lcom/sleepcat/je/config/IntConfigParam;
INVOKEVIRTUAL com/sleepcat/je/dbi/DtConfigManager.getInt ()Lcom/sleepcat/je/config/IntConfigParam;
PUTFIELD com/sleepcat/je/victor/OffHeapCache.nmLRULists : I
L39
LINENUMBER 685 L39
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.allocator : Lcom/sleepcat/je/victor/OffHeapAllocator;
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.maxMemory : J
INVOKEVIRTUAL com/sleepcat/je/victor/OffHeapAllocator.setMaxBytes ()V
L40
LINENUMBER 686 L40
ALOAD 0
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.maxMemory : J
PUTFIELD com/sleepcat/je/victor/OffHeapCache.memoryLimit : J
L41
LINENUMBER 688 L41
ALOAD 0
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.nmLRULists : I
ANEWARRAY com/sleepcat/je/victor/OffHeapCacheSLRUList
PUTFIELD com/sleepcat/je/victor/OffHeapCache.priLRUList : [Lcom/sleepcat/je/victor/OffHeapCacheSLRUList;
L42
LINENUMBER 689 L42
ALOAD 0
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.nmLRULists : I
ANEWARRAY com/sleepcat/je/victor/OffHeapCacheSLRUList
PUTFIELD com/sleepcat/je/victor/OffHeapCache.pri2LRUList : [Lcom/sleepcat/je/victor/OffHeapCacheSLRUList;
L43
LINENUMBER 691 L43
ICONST_0
ISTORE 3
```

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L44
FRAME APPEND [I]
ILOAD 3
ALOAD 0
IF_ICMPGE L45
```

L45

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L45
LINENUMBER 700 L45
FRAME SAME
ALOAD 0
ACONST_NULL
PUTFIELD com/sleepcat/je/victor/OffHeapCache.freeBlocks : Ljava/util/Map;
L49
LINENUMBER 701 L49
ALOAD 0
ACONST_NULL
PUTFIELD com/sleepcat/je/victor/OffHeapCache.prevFreeBlocks : Ljava/util/Map;
L51
LINENUMBER 704 L50
ALOAD 0
ALOAD 2
GETSTATIC com/sleepcat/je/config/EnvironmentParams.EVICTOR_TERMINATE_TIMEOUT : Lcom/sleepcat/je/config/DurationConfigParam;
INVOKEVIRTUAL com/sleepcat/je/dbi/DtConfigManager.getDuration ()Lcom/sleepcat/je/config/DurationConfigParam;
PUTFIELD com/sleepcat/je/victor/OffHeapCache.terminateMills : I
L51
LINENUMBER 707 L51
ALOAD 2
GETSTATIC com/sleepcat/je/config/EnvironmentParams.OFFHEAP_CORE_THREADS : Lcom/sleepcat/je/config/IntConfigParam;
INVOKEVIRTUAL com/sleepcat/je/dbi/DtConfigManager.getInt ()Lcom/sleepcat/je/config/IntConfigParam;
ISTORE 3
L52
LINENUMBER 710 L52
ALOAD 0
ALOAD 0
GETSTATIC com/sleepcat/je/config/EnvironmentParams.OFFHEAP_MAX_THREADS : Lcom/sleepcat/je/config/IntConfigParam;
INVOKEVIRTUAL com/sleepcat/je/dbi/DtConfigManager.getInt ()Lcom/sleepcat/je/config/IntConfigParam;
PUTFIELD com/sleepcat/je/victor/OffHeapCache.maxPoolThreads : I
L53
LINENUMBER 713 L53
ALOAD 2
GETSTATIC com/sleepcat/je/config/EnvironmentParams.OFFHEAP_KEEP_ALIVE : Lcom/sleepcat/je/config/DurationConfigParam;
INVOKEVIRTUAL com/sleepcat/je/dbi/DtConfigManager.getDuration ()Lcom/sleepcat/je/config/DurationConfigParam;
DUP
L54
LINENUMBER 716 L54
ALOAD 1
INVOKEVIRTUAL com/sleepcat/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/sleepcat/je/victor/OffHeapCache.maxPoolThreads : I
ILOAD 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> ()V
L57
NEW com/sleepcat/je/util/StopableThreadFactory
DUP
ILOAD 6
IFEQ L58
```

ACONST_NULL

GOTO L59

```
L58
FRAME FULL [com/sleepcat/je/victor/OffHeapCache com/sleepcat/je/dbi/EnvironmentImpl com/sleepcat/je/dbi/DtConfigManager [I] [I] com/sleepcat/je/victor/OffHeapCache L56 L56 [I] java/util/concurrent/TimeUnit java/util/concurrent/ArrayBlockingQueue L57 L57]
ALOAD 1
```

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L46
LINENUMBER 692 L46
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.priLRUList : [Lcom/sleepcat/je/victor/OffHeapCacheSLRUList;
ILOAD 3
NEW com/sleepcat/je/victor/OffHeapCacheSLRUList
DUP
ALOAD 0
ACONST_NULL
INVOKESPECIAL com/sleepcat/je/victor/OffHeapCacheSLRUList.<init> (Lcom/sleepcat/je/victor/OffHeapCache;Lcom/sleepcat/je/victor/OffHeapCache$1;)V
ASTORE
L47
LINENUMBER 693 L47
ALOAD 0
GETFIELD com/sleepcat/je/victor/OffHeapCache.pri2LRUList : [Lcom/sleepcat/je/victor/OffHeapCacheSLRUList;
ILOAD 3
NEW com/sleepcat/je/victor/OffHeapCacheSLRUList
DUP
ALOAD 0
ACONST_NULL
INVOKESPECIAL com/sleepcat/je/victor/OffHeapCacheSLRUList.<init> (Lcom/sleepcat/je/victor/OffHeapCache;Lcom/sleepcat/je/victor/OffHeapCache$1;)V
ASTORE
L48
LINENUMBER 691 L48
INC 31
GOTO L44
```

L2

```
L2
LINENUMBER 672 L2
FRAME SAME [Ljava/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
LDC "6b0e97:9735-4ab2-9d1e-ba153509270"
INVOKESPECIAL edu/cmus/niveluze/java/execute/region/RegionsManager.exit (Ljava/lang/String;)V
ATHROW
```

exit