```
entry
                                                                                                                                                          LINENUMBER 250 L0
                                                                                                                                                           ALOAD 0
                                                                                                                                                          GETFIELD\ com/sleepy cat/analysis/Measure Disk Ordered Scan. internal Memory Limit: Jacobs Scan. Int
                                                                                                                                                          LDC 9223372036854775807
                                                                                                                                                           LCMP
                                                                                                                                                          IFEQ L1
                                                                                                          ALOAD 0
                                                                                                                                                                                                                                                                        FRAME SAME
                                                                                                          GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.internalMemoryLimit: J
                                                                                                                                                                                                                                                                         LCONST_0
                                                                                                          GOTO L2
                                                                                                                                                   FRAME SAME1 J
                                                                                                                                                   ALOAD 0
                                                                                                                                                   GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.jeCacheSize: J
                                                                                                                                                  LADD
                                                                                                                                                   ALOAD 0
                                                                                                                                                   GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.jeCacheSize: J
                                                                                                                                                  LDC 2
                                                                                                                                                  LDIV
                                                                                                                                                   LADD
                                                                                                                                                  LSTORE 1
                                                                                                                                                   LINENUMBER 255 L3
                                                                                                                                                  INVOKESTATIC java/lang/Runtime.getRuntime ()Ljava/lang/Runtime;
                                                                                                                                                  INVOKEVIRTUAL java/lang/Runtime.maxMemory ()J
                                                                                                                                                  LLOAD 1
                                                                                                                                                  LCMP
                                                                                                                                                  LDC "6e3eec8c-8d63-4cce-b9b9-d0f961c7a04d"
                                                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
                                                                                                                                                   LDC "6e3eec8c-8d63-4cce-b9b9-d0f961c7a04d"
                                                                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
                                                                                                                                                   IFGE L4
                                                                                                                                                                                                                                                              LINENUMBER 256 L5
FRAME APPEND [J]
                                                                                                                                                                                                                                                              NEW java/lang/IllegalArgumentException
LDC "6e3eec8c-8d63-4cce-b9b9-d0f961c7a04d"
                                                                                                                                                                                                                                                              DUP
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
                                                                                                                                                                                                                                                              NEW java/lang/StringBuilder
LDC "6e3eec8c-8d63-4cce-b9b9-d0f961c7a04d"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
                                                                                                                                                                                                                                                              INVOKESPECIAL java/lang/StringBuilder.<init> ()V
                                                                                                                                                                                                                                                              LDC "Must set heap size to at least internalMemoryLimit (if specified) plus 1.5 X jeCacheSize: "
LINENUMBER 262 L6
                                                                                                                                                                                                                                                             INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
ALOAD 0
                                                                                                                                                                                                                                                              LLOAD 1
                                                                                                                                                                                                                                                             INVOKEVIRTUAL java/lang/StringBuilder.append (J)Ljava/lang/StringBuilder;
GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.action: Lcom/sleepycat/analysis/MeasureDiskOrderedScan.$Action;
GETSTATIC com/sleepycat/analysis/MeasureDiskOrderedScan$Action.Populate: Lcom/sleepycat/analysis/MeasureDiskOrderedScan$Action;
                                                                                                                                                                                                                                                              INVOKEVIRTUAL java/lang/StringBuilder.toString ()Ljava/lang/String;
IF_ACMPNE L7
                                                                                                                                                                                                                                                              INVOKESPECIAL java/lang/IllegalArgumentException.<init>(Ljava/lang/String;)V
                                                                                                                                                                                                                                                              ATHROW
                                                                                                ICONST_1
                                                                                                                             FRAME SAME ICONST_0
                                                                                               GOTO L8
```

L8 FRAME SAME1 I ISTORE 3 LINENUMBER 264 L9 NEW com/sleepycat/je/EnvironmentConfig INVOKESPECIAL com/sleepycat/je/EnvironmentConfig.<init>()V **ASTORE 4** LINENUMBER 265 L10 ALOAD 4 ICONST\_1 INVOKEVIRTUAL com/sleepycat/je/EnvironmentConfig.setTransactional (Z)Lcom/sleepycat/je/EnvironmentConfig; L11 LINENUMBER 266 L11 ALOAD 4 ILOAD 3 INVOKEVIRTUAL com/sleepycat/je/EnvironmentConfig.setAllowCreate (Z)Lcom/sleepycat/je/EnvironmentConfig; LINENUMBER 267 L12 ALOAD 4 ALOAD 0 GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.jeCacheSize: J INVOKEVIRTUAL com/sleepycat/je/EnvironmentConfig.setCacheSize (J)Lcom/sleepycat/je/EnvironmentMutableConfig; POP LINENUMBER 268 L13 ALOAD 4 LDC "je.log.fileMax" LDC 1000000000 INVOKESTATIC java/lang/String.valueOf (I)Ljava/lang/String; INVOKEVIRTUAL com/sleepycat/je/EnvironmentConfig.setConfigParam (Ljava/lang/String;Ljava/lang/String;)Lcom/sleepycat/je/EnvironmentConfig; POP LINENUMBER 269 L14 ALOAD 4 LDC "com.sleepycat.je.util.FileHandler.level" ALOAD 0 GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.fileLoggingLevel: Ljava/lang/String; INVOKEVIRTUAL com/sleepycat/je/EnvironmentConfig.setConfigParam (Ljava/lang/String;Ljava/lang/String;)Lcom/sleepycat/je/EnvironmentConfig; POP L15 LINENUMBER 271 L15 ALOAD 0 NEW com/sleepycat/je/Environment NEW java/io/File DUP ALOAD 0 GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.homeDir: Ljava/lang/String; INVOKESPECIAL java/io/File.<init> (Ljava/lang/String;)V ALOAD 4 INVOKESPECIAL com/sleepycat/je/Environment.<init> (Ljava/io/File;Lcom/sleepycat/je/EnvironmentConfig;)V PUTFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.env: Lcom/sleepycat/je/Environment; LINENUMBER 273 L16 NEW com/sleepycat/je/DatabaseConfig INVOKESPECIAL com/sleepycat/je/DatabaseConfig.<init>()V ASTORE 5 LINENUMBER 274 L17 ALOAD 5 ILOAD 3 INVOKEVIRTUAL com/sleepycat/je/DatabaseConfig.setAllowCreate (Z)Lcom/sleepycat/je/DatabaseConfig; L18 LINENUMBER 275 L18 ALOAD 5 ILOAD 3 INVOKEVIRTUAL com/sleepycat/je/DatabaseConfig.setExclusiveCreate (Z)Lcom/sleepycat/je/DatabaseConfig; LINENUMBER 276 L19 ALOAD 5 ALOAD 0 GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.dupDb: Z INVOKEVIRTUAL com/sleepycat/je/DatabaseConfig.setSortedDuplicates (Z)Lcom/sleepycat/je/DatabaseConfig; POP L20 LINENUMBER 277 L20 ALOAD 5 GETSTATIC com/sleepycat/je/CacheMode.EVICT\_LN: Lcom/sleepycat/je/CacheMode; INVOKEVIRTUAL com/sleepycat/je/DatabaseConfig.setCacheMode (Lcom/sleepycat/je/CacheMode;)Lcom/sleepycat/je/DatabaseConfig; L21 LINENUMBER 279 L21 ALOAD 0 ALOAD 0 GETFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.env: Lcom/sleepycat/je/Environment; ACONST\_NULL LDC "foo" ALOAD 5 INVOKEVIRTUAL com/sleepycat/je/Environment.openDatabase (Lcom/sleepycat/je/Transaction;Ljava/lang/String;Lcom/sleepycat/je/DatabaseConfig;)Lcom/sleepycat/je/Database; PUTFIELD com/sleepycat/analysis/MeasureDiskOrderedScan.db: Lcom/sleepycat/je/Database; LINENUMBER 280 L22 RETURN L23

exit