```
entry
                                                                                                             LINENUMBER 58 L0
                                                                                                            LDC "7e164b21-610f-463d-acd4-55ff79bf6a2e"
                                                                                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/RegionsCounter.enter (Ljava/lang/String;)V
                                                                                                            GETFIELD counter/com/googlecode/pngtastic/core/PngColorCounter.log : Lcounter/com/googlecode/pngtastic/core/Logger; LDC "=== COUNTING ==="
                                                                                                             ICONST 0
                                                                                                             ANEWARRAY java/lang/Object
                                                                                                            INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String;[Ljava/lang/Object;)V
                                                                                                             LINENUMBER 61 L1
                                                                                                              ALOAD 1
                                                                                                             INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getInterlace ()S
                                                                                                             ICONST 1
                                                                                                            IF_ICMPNE L2
                                                                                                  ALOAD 1
                                                                                                 INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getSampleBitCount ()I
                                                                                                  IF_ICMPGE L2
                                                                          LINENUMBER 66 L2
                                                                          FRAME SAME
                                                                         INVOKESTATIC java/lang/System.currentTimeMillis ()J
                                                                          LSTORE 2
                                                                          LINENUMBER 68 L5
                                                                           ALOAD 1
                                                                         INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getChunks ()Ljava/util/List; INVOKEINTERFACE java/util/List.iterator ()Ljava/util/Iterator;
                                                                          LINENUMBER 69 L6
                                                                          ALOAD 0
                                                                          ACONST_NULL
                                                                          ICONST 0
                                                                          INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngColorCounter.processHeadChunks (Lcounter/com/googlecode/pngtastic/core/PngImage;ZLjava/util/Iterator;)Lcounter/com/googlecode/pngtastic/core/PngChunk;
                                                                           ASTORE 5
                                                                          LINENUMBER 72 L7
                                                                          ALOAD 0
                                                                          ALOAD 5
                                                                          INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngColorCounter.getInflatedImageData (Lcounter/com/googlecode/pngtastic/core/PngChunk;Ljava/util/Iterator;)Lcounter/com/googlecode/pngtastic/core/processing/PngByteArrayOutputStream;
                                                                          ASTORE 6
                                                                          LINENUMBER 74 L8
                                                                          INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getWidth ()J
                                                                          LINENUMBER 75 L9
                                                                          ALOAD 1
                                                                          INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getHeight ()J
                                                                          LINENUMBER 76 L10
                                                                          LLOAD 7
                                                                           ALOAD 1
                                                                          INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getSampleBitCount ()I
                                                                          I2L
LMUL
L2F
                                                                         LDC 8.0
                                                                          FDIV
                                                                         INVOKESTATIC java/lang/Math.ceil (D)D
                                                                         ICONST_1
                                                                          IADD
                                                                          ISTORE 11
                                                                          LINENUMBER 78 L11
                                                                         INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getInterlace ()S
                                                                          ICONST_1
IF_ICMPNE L12
                                                              FRAME FULL [counter/com/googlecode/pngtastic/core/PngColorCounter counter/com/googlecode/pngtastic/core/PngImage J java/util/Iterator counter/com/googlecode/pngtastic/core/PngChunk counter/com/googlecode/pngtastic/core/pngByteArrayOutputStream J J I] []
                                                              ALOAD 6
                                                              ALOAD 1
                                                              LINENUMBER 80 L15
                                                              INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getSampleBitCount ()I
                                                              ILOAD 11
                                                              INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngColorCounter.getScanlines (Lcounter/com/googlecode/pngtastic/core/processing/PngByteArrayOutputStream;IIJ)Ljava/util/List;
                                                                                                                      FRAME SAME1 java/util/List
                                                                                                                       ASTORE 12
                                                                                                                      LINENUMBER 82 L16
                                                                                                                      ALOAD 1
                                                                                                                      ALOAD 12
                                                                                                                      INVOKESPECIAL counter/com/googlecode/pngtastic/core/PngColorCounter.getColors (Lcounter/com/googlecode/pngtastic/core/PngImage;Ljava/util/List;J)Ljava/util/List;
                                                                                                                      ASTORE 13
                                                                                                                      LINENUMBER 83 L17
                                                                                                                       ALOAD 1
                                                                                                                      ALOAD 13
                                                                                                                      INVOKESPECIAL counter/com/googlecode/pngtastic/core/PngColorCounter.getMergedColors (Lcounter/com/googlecode/pngtastic/core/PngImage;Ljava/util/List;J)Ljava/util/List;
                                                                                                                      ASTORE 14
 GETFIELD counter/com/googlecode/pngtastic/core/PngColorCounter.log: Lcounter/com/googlecode/pngtastic/core/Logger; LDC "not supported"
                                                                                                                      LINENUMBER 85 L18
                                                                                                                     INVOKESTATIC java/lang/System.currentTimeMillis ()J
ANEWARRAY java/lang/Object INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String;[Ljava/lang/Object;)V
                                                                                                                      LSUB
                                                                                                                     LSTORE 15
 LDC "7e164b21-610f-463d-acd4-55ff79bf6a2e"
                                                                                                                      LINENUMBER 86 L19
 INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/RegionsCounter.exit (Ljava/lang/String;)V
                                                                                                                      ALOAD 0
                                                                                                                      NEW counter/com/googlecode/pngtastic/core/PngColorCounter$ColorCounterResult
                                                                                                                       ALOAD 1
                                                                                                                      INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getFileName ()Ljava/lang/String;
                                                                                                                      LLOAD 9
                                                                                                                      ALOAD 13
                                                                                                                      INVOKEINTERFACE java/util/List.size ()I
                                                                                                                      ALOAD 14
                                                                                                                      LLOAD 15
                                                                                                                     INVOKESPECIAL counter/com/googlecode/pngtastic/core/PngColorCounter$ColorCounterResult.<init> (Ljava/lang/String;JJILjava/util/List;J)V
PUTFIELD counter/com/googlecode/pngtastic/core/PngColorCounter.colorCounterResult: Lcounter/com/googlecode/pngtastic/core/PngColorCounterResult;
                                                                                                                      LINENUMBER 87 L20
                                                                                                                      LDC "7e164b21-610f-463d-acd4-55ff79bf6a2e"
                                                                                                                      INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/RegionsCounter.exit (Ljava/lang/String;)V
```

LINENUMBER 62 L3

LINENUMBER 63 L4

ALOAD 0

ICONST\_0

GETFIELD counter/com/googlecode/pngtastic/core/PngColorCounter.pngInterlaceHandler: Lcounter/com/googlecode/pngtastic/core/processing/PngInterlaceHandler; LLOAD 7 L2I LLOAD 9 L2I ALOAD 1 LINENUMBER 79 L13 INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getSampleBitCount ()I INVOKEINTERFACE counter/com/googlecode/pngtastic/core/processing/PngInterlaceHandler.deInterlace (IIILcounter/com/googlecode/pngtastic/core/processing/PngByteArrayOutputStream;)Ljava/util/List;

GOTO L14