```
entry
                                                                                                                                                           LINENUMBER 58 L0
                                                                                                                                                           LDC "ee88c3b4-f4f3-463b-9eac-8b46b2cf1a07"
                                                                                                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.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
                                                                                                          ALOAD 1
                                                                                                         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] []
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LLOAD 7
L2I
LLOAD 9
L2I
                                                                                         ALOAD 6
                                                                                         ALOAD 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ALOAD 1
                                                                                         LINENUMBER 80 L15
                                                                                        INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getSampleBitCount ()I
                                                                                         ILOAD 11
                                                                                         LLOAD 9
                                                                                         INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngColorCounter.getScanlines (Lcounter/com/googlecode/pngtastic/core/processing/PngByteArrayOutputStream;IIJ)Ljava/util/List;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GOTO L14
                                                                                                                                                                       FRAME SAME1 java/util/List
LDC "11acaceb-ad25-4dbd-af49-c4db51400c10"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
                                                                                                                                                                         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; John ColorCounter.getColors\ (Lcounter/com/googlecode/pngtastic/core/PngImage; Ljava/util/List; J) Ljava/util/List; John ColorCounter.get
                                                                                                                                                                         LINENUMBER 83 L17
                                                                                                                                                                           ALOAD 13
                                                                                                                                                                           LOAD 2
                                                                                                                                                                        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;
                                                                                                                                                                         LINENUMBER 85 L18
                                                                                                                                                                        INVOKESTATIC java/lang/System.currentTimeMillis ()J
                                                                                                                                                                        LLOAD 2
INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String;[Ljava/lang/Object;)V
                                                                                                                                                                        LSUB
                                                                                                                                                                       LSTORE 15
                                                                                                                                                                        LINENUMBER 86 L19
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.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 "11acaceb-ad25-4dbd-af49-c4db51400c10"
                                                                                                                                                                         INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
                                                                                                                                                                         LDC "ee88c3b4-f4f3-463b-9eac-8b46b2cf1a07"
                                                                                                                                                                        INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
```

LINENUMBER 62 L3

LDC "not supported"

LINENUMBER 63 L4

ANEWARRAY java/lang/Object

LDC "ee88c3b4-f4f3-463b-9eac-8b46b2cf1a07"

ALOAD 0

ICONST\_0

GETFIELD counter/com/googlecode/pngtastic/core/PngColorCounter.pngInterlaceHandler: Lcounter/com/googlecode/pngtastic/core/processing/PngInterlaceHandler; 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;