```
entry
                                                                                                                                                    LINENUMBER 59 L0
                                                                                                                                                    LDC "980fce45-18a8-419d-92e3-e2bbe649b9f1"
                                                                                                                                                   INVOKESTATIC edu/cmu/cs/mvelezce/analysis/region/RegionsManager.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 62 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 67 L2
                                                                                                    FRAME SAME
                                                                                                    INVOKESTATIC java/lang/System.currentTimeMillis ()J
                                                                                                    LSTORE 2
                                                                                                     LINENUMBER 69 L5
                                                                                                      ALOAD 1
                                                                                                    INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getChunks ()Ljava/util/List; INVOKEINTERFACE java/util/List.iterator ()Ljava/util/Iterator;
                                                                                                     LINENUMBER 70 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 73 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 75 L8
                                                                                                     INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getWidth ()J
                                                                                                    LINENUMBER 76 L9
                                                                                                      ALOAD 1
                                                                                                    INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getHeight ()J
                                                                                                     LINENUMBER 77 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 79 L11
                                                                                                      ALOAD 1
                                                                                                    LINENUMBER 80 L12
                                                                                                    INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getInterlace ()S
                                                                                                     ICONST_1
                                                                                                    IF_ICMPNE L13
                                                                                     FRAME FULL [counter/com/googlecode/pngtastic/core/PngColorCounter counter/com/googlecode/pngtastic/core/PngImage J java/util/Iterator counter/com/googlecode/pngtastic/core/PngColorCounter counter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounter/com/googlecode/pngtastic/core/PngColorCounte
                                                                                     ALOAD 6
                                                                                     ALOAD 1
                                                                                     LINENUMBER 83 L17
                                                                                     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;
                                                                                                                                                                 FRAME SAME1 java/util/List
                                                                                                                                                                  ASTORE 12
                                                                                                                                                                 LINENUMBER 85 L18
                                                                                                                                                                 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;
                                                                                                                                                                 ALOAD 1
                                                                                                                                                                 ALOAD 13
                                                                                                                                                                  LLOAD 2
                                                                                                                                                                  INVOKESPECIAL counter/com/googlecode/pngtastic/core/PngColorCounter.getMergedColors (Lcounter/com/googlecode/pngtastic/core/PngImage;Ljava/util/List;J)Ljava/util/List;
 LINENUMBER 63 L3
 ALOAD 0
                                                                                                                                                                 LINENUMBER 88 L20
GETFIELD counter/com/googlecode/pngtastic/core/PngColorCounter.log: Lcounter/com/googlecode/pngtastic/core/Logger;
                                                                                                                                                                 INVOKESTATIC java/lang/System.currentTimeMillis ()J
LDC "not supported"
                                                                                                                                                                 LLOAD 2
ICONST_0
                                                                                                                                                                LSUB
ANEWARRAY java/lang/Object
                                                                                                                                                                LSTORE 15
INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String;[Ljava/lang/Object;)V
                                                                                                                                                                 LINENUMBER 89 L21
LINENUMBER 64 L4
LDC "980fce45-18a8-419d-92e3-e2bbe649b9f1"
                                                                                                                                                                 NEW counter/com/googlecode/pngtastic/core/PngColorCounter$ColorCounterResult
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/region/RegionsManager.exit (Ljava/lang/String;)V
                                                                                                                                                                 ALOAD 1
                                                                                                                                                                 LINENUMBER 90 L22
                                                                                                                                                                 INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getFileName ()Ljava/lang/String;
                                                                                                                                                                 LLOAD 9
                                                                                                                                                                 ALOAD 13
                                                                                                                                                                 INVOKEINTERFACE java/util/List.size ()I
                                                                                                                                                                 ALOAD 14
                                                                                                                                                                 INVOKESPECIAL counter/com/googlecode/pngtastic/core/PngColorCounter$ColorCounterResult.<init> (Ljava/lang/String;JJILjava/util/List;J)V PUTFIELD counter/com/googlecode/pngtastic/core/PngColorCounterResult;
                                                                                                                                                                 LINENUMBER 91 L23
                                                                                                                                                                 LDC "980fce45-18a8-419d-92e3-e2bbe649b9f1"
                                                                                                                                                                 INVOKESTATIC edu/cmu/cs/mvelezce/analysis/region/RegionsManager.exit (Ljava/lang/String;)V
```

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GETFIELD counter/com/googlecode/pngtastic/core/PngColorCounter.pngInterlaceHandler: Lcounter/com/googlecode/pngtastic/core/processing/PngInterlaceHandler;
LLOAD 7
L2I
LLOAD 9
L21
ALOAD 1
L14
LINENUMBER 82 L14
INVOKEVIRTUAL counter/com/googlecode/pngtastic/core/PngImage.getSampleBitCount ()I
ALOAD 6
L15
LINENUMBER 81 L15
INVOKEINTERFACE counter/com/googlecode/pngtastic/core/processing/PngInterlaceHandler.deInterlace (IIILcounter/com/googlecode/pngtastic/core/processing/PngByteArrayOutputStream;)Ljava/util/List;
GOTO L16
```