```
entry

L12
LINENUMBER 711 L12
ALOAD 8
ALOAD 4
ILOAD 16
IALOAD
ALOAD 5
ILOAD 16
IALOAD
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer.addHuffmanBits (II)V
GOTO L13

L0
LINENUMBER 702 L0
LDC "b50383f7-bc36-4ffd-9f54-12a389b94bca"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.CACHED_DIST_EXTRA_BITS : [I
ASTORE 9
L1
LINENUMBER 703 L1
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.LENGTH_EXTRA_BITS : [I
ASTORE 10
L2
LINENUMBER 704 L2
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.LENGTH_EXTRA_BITS_VALUE : [I
ASTORE 11
L3
LINENUMBER 705 L3
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.LENGTH_SYMBOL : [I
ASTORE 12
L4
LINENUMBER 706 L4
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.CACHED_DIST_SYMBOL : [I
ASTORE 13
L5
LINENUMBER 707 L5
ILOAD 2
ISTORE 14

L13
LINENUMBER 707 L13
FRAME CHOP 2
IINC 14 1
GOTO L6

L6
FRAME FULL [[C [C I I [I [I [I [I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer [I [I [I [I I] []
ILOAD 14
ILOAD 3
IF_ICMPGE L7

L7
LINENUMBER 723 L7
FRAME CHOP 2
LDC "b50383f7-bc36-4ffd-9f54-12a389b94bca"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN

L8
LINENUMBER 708 L8
ALOAD 1
ILOAD 14
CALOAD
ISTORE 15
L9
LINENUMBER 709 L9
ALOAD 0
ILOAD 14
CALOAD
ISTORE 16
L10
LINENUMBER 710 L10
ILOAD 15
IFNE L11

exit

L11
LINENUMBER 714 L11
FRAME APPEND [I I]
ALOAD 12
ILOAD 16
IALOAD
ISTORE 17
L14
LINENUMBER 715 L14
ALOAD 13
ILOAD 15
IALOAD
ISTORE 18
L15
LINENUMBER 716 L15
ALOAD 8
ALOAD 4
ILOAD 17
IALOAD
ALOAD 5
ILOAD 17
IALOAD
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer.addHuffmanBits (II)V
L16
LINENUMBER 717 L16
ALOAD 8
ALOAD 11
ILOAD 16
IALOAD
ALOAD 10
ILOAD 16
IALOAD
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer.addBits (II)V
L17
LINENUMBER 718 L17
ALOAD 8
ALOAD 6
ILOAD 18
IALOAD
ALOAD 7
ILOAD 18
IALOAD
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer.addHuffmanBits (II)V
L18
LINENUMBER 719 L18
ALOAD 8
ILOAD 15
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.distExtraBitsValue (I)I
ILOAD 15
SIPUSH 4097
IF_ICMPGE L19

L19
FRAME FULL [[C [C I I [I [I [I [I [I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer [I [I [I [I [I I I I I] [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer I]
ILOAD 15
SIPUSH 16385
IF_ICMPGE L21

ALOAD 9
ILOAD 15
IALOAD
GOTO L20

ILOAD 15
SIPUSH 8193
IF_ICMPGE L22

L21
FRAME FULL [[C [C I I [I [I [I [I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer [I [I [I [I [I I I I I] [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer I]
BIPUSH 13

BIPUSH 11
GOTO L20

L22
FRAME FULL [[C [C I I [I [I [I [I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer [I [I [I [I [I I I I I] [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer I]
BIPUSH 12
GOTO L20

L20
FRAME FULL [[C [C I I [I [I [I [I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer [I [I [I [I [I I I I I] [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer I I]
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer.addBits (II)V
```