```
entry
```

L0
LINENUMBER 30 L0
LDC "f9ce44c6-baf7-4007-aa5e-5801b40fca90"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/SymbolStats.litLens : [I
ASTORE 2
L1
LINENUMBER 31 L1
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/SymbolStats.dists : [I
ASTORE 3
L2
LINENUMBER 32 L2
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : [I
ICONST_0
ALOAD 2
ICONST_0
SIPUSH 288
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L3
LINENUMBER 33 L3
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : [I
ICONST_0
ALOAD 3
ICONST_0
BIPUSH 32
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L4
LINENUMBER 35 L4
ALOAD 1
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.size : I
ISTORE 4
L5
LINENUMBER 36 L5
ALOAD 1
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.litLens : [C
ASTORE 5
L6
LINENUMBER 37 L6
ALOAD 1
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.dists : [C
ASTORE 6
L7
LINENUMBER 38 L7
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.LENGTH_SYMBOL : [I
ASTORE 7
L8
LINENUMBER 39 L8
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.CACHED_DIST_SYMBOL : [I
ASTORE 8
L9
LINENUMBER 40 L9
ICONST_0
ISTORE 9

```
L10
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/SymbolStats optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore [I [I I [C [C [I [I I] []
ILOAD 9
ILOAD 4
IF_ICMPGE L11
```

L11
LINENUMBER 51 L11
FRAME CHOP 2
ALOAD 2
SIPUSH 256
ICONST_1
IASTORE
L19
LINENUMBER 52 L19
ALOAD 0
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/SymbolStats.calculate ()V
L20
LINENUMBER 53 L20
LDC "f9ce44c6-baf7-4007-aa5e-5801b40fca90"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN

```
L12
LINENUMBER 41 L12
ALOAD 6
ILOAD 9
CALOAD
ISTORE 10
L13
LINENUMBER 42 L13
ALOAD 5
ILOAD 9
CALOAD
ISTORE 11
L14
LINENUMBER 43 L14
ILOAD 10
IFNE L15
```

```
exit
```

```
L15
LINENUMBER 47 L15
FRAME APPEND [I I]
ALOAD 2
ALOAD 7
ILOAD 11
IALOAD
DUP2
IALOAD
ICONST_1
IADD
IASTORE
L18
LINENUMBER 48 L18
ALOAD 3
ALOAD 8
ILOAD 10
IALOAD
DUP2
IALOAD
ICONST_1
IADD
IASTORE
```

```
L16
LINENUMBER 44 L16
ALOAD 2
ILOAD 11
DUP2
IALOAD
ICONST_1
IADD
IASTORE
GOTO L17
```

```
L17
LINENUMBER 40 L17
FRAME SAME
IINC 9 1
GOTO L10
```