```
entry
```

L0
LINENUMBER 71 L0
LDC "c781a911-690f-4444-b832-4c9c05b2485d"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.path : [C
ASTORE 7
L1
LINENUMBER 72 L1
ICONST_0
ISTORE 8
L2
LINENUMBER 73 L2
ILOAD 4
ILOAD 3
ISUB
ISTORE 9

```
L3
LINENUMBER 75 L3
FRAME APPEND [[C I I]
ALOAD 5
ILOAD 9
CALOAD
ISTORE 10
L4
LINENUMBER 76 L4
ALOAD 7
ILOAD 8
IINC 8 1
ILOAD 10
CASTORE
L5
LINENUMBER 77 L5
ILOAD 9
ILOAD 10
ISUB
ISTORE 9
L6
LINENUMBER 78 L6
ILOAD 9
IFNE L3
```

```
L7
LINENUMBER 80 L7
ILOAD 3
LDC 32768
ISUB
ICONST_0
INVOKESTATIC java/lang/Math.max (II)I
ISTORE 10
L8
LINENUMBER 81 L8
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.h : Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash;
ASTORE 11
L9
LINENUMBER 82 L9
ALOAD 11
ALOAD 2
ILOAD 10
ILOAD 3
ILOAD 4
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.init ([BIII)V
L10
LINENUMBER 83 L10
ILOAD 3
ISTORE 12
```

```
L11
LINENUMBER 86 L11
FRAME APPEND [I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash I]
ALOAD 11
ALOAD 2
ILOAD 12
ILOAD 4
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.updateHash ([BII)V
L12
LINENUMBER 87 L12
ALOAD 7
IINC 8 -1
ILOAD 8
CALOAD
ISTORE 13
L13
LINENUMBER 88 L13
ILOAD 13
ICONST_3
IF_ICMPLT L14
```

```
L15
LINENUMBER 89 L15
ALOAD 0
ALOAD 1
ILOAD 3
ALOAD 11
ALOAD 2
ILOAD 12
ILOAD 4
ILOAD 13
ACONST_NULL
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.findLongestMatch (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache;ILoptimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash;[BIII[C)V
L16
LINENUMBER 90 L16
ALOAD 6
ILOAD 13
I2C
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.distVal : I
I2C
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.append (CC)V
GOTO L17
```

```
L14
LINENUMBER 93 L14
FRAME APPEND [I]
ICONST_1
ISTORE 13
L18
LINENUMBER 94 L18
ALOAD 6
ALOAD 2
ILOAD 12
BALOAD
SIPUSH 255
IAND
I2C
ICONST_0
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.append (CC)V
```

```
L17
LINENUMBER 97 L17
FRAME SAME
ICONST_1
ISTORE 14
```

```
L19
FRAME APPEND [I]
ILOAD 14
ILOAD 13
IF_ICMPGE L20
```

```
L20
LINENUMBER 100 L20
FRAME SAME
ILOAD 12
ILOAD 13
IADD
ISTORE 12
L23
LINENUMBER 101 L23
ILOAD 8
IFNE L11
```

```
L21
LINENUMBER 98 L21
ALOAD 11
ALOAD 2
ILOAD 12
ILOAD 14
IADD
ILOAD 4
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.updateHash ([BII)V
L22
LINENUMBER 97 L22
IINC 14 1
GOTO L19
```

L24
LINENUMBER 102 L24
LDC "c781a911-690f-4444-b832-4c9c05b2485d"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN

```
exit
```