

entry

```
L0
LINENUMBER 100 L0
LDC "46dcb931-6ec3-42d7-ac15-a93769e8664d"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
ILOAD 2
SIPUSH 32767
IAND
ISTORE 4
L1
LINENUMBER 101 L1
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.val : I
ISTORE 5
L2
LINENUMBER 103 L2
ILOAD 5
ICONST_5
ISHL
ILOAD 2
ICONST_2
IADD
ILOAD 3
IF_ICMPGE L3
```

```
ALOAD 1
ILOAD 2
ICONST_2
IADD
BALOAD
SIPUSH 255
IAND
GOTO L4
```

```
L3
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I] [I]]
ICONST_0
```

```
L4
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I] [I I]]
IXOR
SIPUSH 32767
IAND
ISTORE 5
L5
LINENUMBER 105 L5
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal : [I]
ILOAD 4
ILOAD 5
IASTORE
L6
LINENUMBER 106 L6
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head : [I]
ILOAD 5
IALOAD
ISTORE 6
L7
LINENUMBER 107 L7
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.prev : [I]
ILOAD 4
ILOAD 6
ICONST_M1
IF_ICMPEQ L8
```

```
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal : [I]
ILOAD 6
IALOAD
ILOAD 5
IF_ICMPNE L8
```

```
ILOAD 6
GOTO L9
```

```
L8
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I I] [[I I]]]
ILOAD 4
```

```
L9
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I I] [[I I]]]
IASTORE
L10
LINENUMBER 108 L10
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head : [I]
ILOAD 5
ILOAD 4
IASTORE
L11
LINENUMBER 110 L11
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.same : [I]
ILOAD 2
ICONST_1
ISUB
SIPUSH 32767
IAND
IALOAD
ISTORE 6
L12
LINENUMBER 111 L12
ILOAD 6
ICONST_1
IF_ICMPGE L13
```

```
L14
LINENUMBER 112 L14
ICONST_1
ISTORE 6
```

```
L13
LINENUMBER 114 L13
FRAME SAME
ILOAD 6
ILOAD 2
IADD
ISTORE 6
L15
LINENUMBER 115 L15
ALOAD 1
ILOAD 2
BALOAD
ISTORE 7
```

```
L16
LINENUMBER 116 L16
FRAME APPEND [I]
ILOAD 6
ILOAD 3
IF_ICMPGE L17
```

```
ILOAD 7
ALOAD 1
ILOAD 6
BALOAD
IF_ICMPNE L17
```

```
L17
LINENUMBER 119 L17
FRAME SAME
ILOAD 6
ILOAD 2
ISUB
ISTORE 6
L19
LINENUMBER 120 L19
IINC 6 -1
L20
LINENUMBER 121 L20
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.same : [I]
ILOAD 4
ILOAD 6
IASTORE
L21
LINENUMBER 123 L21
ILOAD 6
ICONST_3
ISUB
SIPUSH 255
IAND
ILOAD 5
IXOR
ISTORE 6
L22
LINENUMBER 124 L22
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal2 : [I]
ILOAD 4
ILOAD 6
IASTORE
L23
LINENUMBER 125 L23
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head2 : [I]
ILOAD 6
IALOAD
ISTORE 8
L24
LINENUMBER 126 L24
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.prev2 : [I]
ILOAD 4
ILOAD 8
ICONST_M1
IF_ICMPEQ L25
```

```
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.hashVal2 : [I]
ILOAD 8
IALOAD
ILOAD 6
IF_ICMPNE L25
```

```
ILOAD 8
GOTO L26
```

```
L25
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I I I I] [[I I]]]
ILOAD 4
```

```
L26
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash [B I I I I I I I] [[I I]]]
IASTORE
L27
LINENUMBER 127 L27
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.head2 : [I]
ILOAD 6
ILOAD 4
IASTORE
L28
LINENUMBER 129 L28
ALOAD 0
ILOAD 5
PUTFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Hash.val : I
L29
LINENUMBER 130 L29
LDC "46dcb931-6ec3-42d7-ac15-a93769e8664d"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN
```

exit