

entry

```
L0
LINENUMBER 273 L0
LDC "2f9e9abd-d68e-4a2e-8447-99ea671f3322"
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.lmc : Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache;
ASTORE 7
L1
LINENUMBER 274 L1
ALOAD 7
ILOAD 5
ILOAD 4
ISUB
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache.init (I)V
L2
LINENUMBER 276 L2
ALOAD 0
ALOAD 1
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Options.numIterations : I
ALOAD 7
ALOAD 3
ILOAD 4
ILOAD 5
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Squeeze.optimal (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache;[BII)Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore;
ASTORE 8
L3
LINENUMBER 278 L3
ALOAD 0
ALOAD 8
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.litLens : [C
ALOAD 8
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.dists : [C
ALOAD 8
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.size : I
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/BlockSplitter.splitLz (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;[C]CI
ISTORE 9
L4
LINENUMBER 280 L4
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.splitPoints : [I
ASTORE 10
L5
LINENUMBER 281 L5
ICONST_1
ISTORE 11
```

```
L6
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie optimizer/com/googlecode/pngtastic/core/processing/zopfli/Options I [B I I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer optimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore I [I I] ]
ILOAD 11
ILOAD 9
IF_ICMPGT L7
```

```
L7
LINENUMBER 286 L7
FRAME CHOP 2
LDC "2f9e9abd-d68e-4a2e-8447-99ea671f3322"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN
```

exit

```
L8
LINENUMBER 282 L8
ALOAD 10
ILOAD 11
ICONST_1
ISUB
IALOAD
ISTORE 12
L9
LINENUMBER 283 L9
ALOAD 10
ILOAD 11
IALOAD
ISTORE 13
L10
LINENUMBER 284 L10
ALOAD 0
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType.DYNAMIC : Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType;
ILOAD 11
ILOAD 9
IF_ICMPNE L11
```

ILOAD 2
IFEQ L11

ICONST_1
GOTO L12

L11
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie optimizer/com/googlecode/pngtastic/core/processing/zopfli/Options I [B I I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer optimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore I [I I I]] [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate\$BlockType]

ICONST_0

```
L12
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie optimizer/com/googlecode/pngtastic/core/processing/zopfli/Options I [B I I optimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer optimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore I [I I I] ] [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType I]
ALOAD 8
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.litLens : [C
ALOAD 8
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.dists : [C
ILOAD 12
ILOAD 13
ILOAD 6
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.addLzBlock (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType;Z[C]CIILoptimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer;)V
L13
LINENUMBER 281 L13
IINC 11 1
GOTO L6
```