```
entry
```

```
L0
LINENUMBER 247 L0
LDC "2bd347e7-ac66-4536-a990-78b6693d471a"
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 248 L1
ALOAD 7
ILOAD 5
ILOAD 4
ISUB
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache.init (I)V
L2
LINENUMBER 250 L2
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType.DYNAMIC : Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType;
ASTORE 8
L3
LINENUMBER 251 L3
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;ILoptimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache;[BII)Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore;
ASTORE 9
L4
LINENUMBER 253 L4
ALOAD 9
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.size : I
SIPUSH 1000
IF_ICMPGE L5
```

```
L6
LINENUMBER 254 L6
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.store1 : Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore;
ASTORE 10
L7
LINENUMBER 255 L7
ALOAD 10
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.reset ()V
L8
LINENUMBER 256 L8
ALOAD 0
ALOAD 7
ALOAD 3
ILOAD 4
ILOAD 5
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.lengthArray : [C
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.costs : [J
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Squeeze.bestFixedLengths (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache;[BII[C[J)V
L9
LINENUMBER 257 L9
ALOAD 0
ALOAD 7
ALOAD 3
ILOAD 4
ILOAD 5
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.lengthArray : [C
ALOAD 10
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Squeeze.optimalRun (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache;[BII[CLoptimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore;)V
L10
LINENUMBER 258 L10
ALOAD 9
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.litLens : [C
ALOAD 9
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.dists : [C
ICONST_0
ALOAD 9
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.size : I
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.calculateBlockSize (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;[C[CII)I
ISTORE 11
L11
LINENUMBER 259 L11
ALOAD 0
ALOAD 10
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.litLens : [C
ALOAD 10
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.dists : [C
ALOAD 10
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.size : I
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.calculateFixedBlockSize (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;[C[CI)I
ISTORE 12
L12
LINENUMBER 261 L12
ILOAD 12
ILOAD 11
IF_ICMPGE L5
```

```
L13
LINENUMBER 262 L13
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType.FIXED : Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType;
ASTORE 8
L14
LINENUMBER 263 L14
ALOAD 10
ASTORE 9
```

```
L5
LINENUMBER 267 L5
FRAME APPEND [optimizer/com/googlecode/pngtastic/core/processing/zopfli/LongestMatchCache optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore]
ALOAD 0
ALOAD 8
ILOAD 2
ALOAD 9
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.litLens : [C
ALOAD 9
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.dists : [C
ICONST_0
ALOAD 9
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/LzStore.size : I
ALOAD 6
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.addLzBlock (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate$BlockType;Z[C[CIILoptimizer/com/googlecode/pngtastic/core/processing/zopfli/Buffer;)V
L15
LINENUMBER 268 L15
LDC "2bd347e7-ac66-4536-a990-78b6693d471a"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN
```

```
exit
```