

entry

```
L0
LINENUMBER 299 L0
LDC "ce8070eb-a533-4dd6-8ad6-333e061259c1"
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.i288a : II
ASTORE 5
L1
LINENUMBER 300 L1
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : II
ICONST_0
ALOAD 5
ICONST_0
SIPUSH 288
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L2
LINENUMBER 301 L2
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.i32a : II
ASTORE 6
L3
LINENUMBER 302 L3
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : II
ICONST_0
ALOAD 6
ICONST_0
BIPUSH 32
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L4
LINENUMBER 304 L4
ICONST_3
ISTORE 7
L5
LINENUMBER 306 L5
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.i288b : II
ASTORE 8
L6
LINENUMBER 307 L6
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : II
ICONST_0
ALOAD 8
ICONST_0
SIPUSH 288
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L7
LINENUMBER 308 L7
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.i32b : II
ASTORE 9
L8
LINENUMBER 309 L8
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : II
ICONST_0
ALOAD 9
ICONST_0
BIPUSH 32
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L9
LINENUMBER 311 L9
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.LENGTH_SYMBOL : II
ASTORE 10
L10
LINENUMBER 312 L10
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.CACHED_DIST_SYMBOL : II
ASTORE 11
L11
LINENUMBER 313 L11
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.LENGTH_EXTRA_BITS : II
ASTORE 12
L12
LINENUMBER 314 L12
ILOAD 3
ISTORE 13
```

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L13
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie [C [C II II II II II II II II
ILOAD 13
ILOAD 4
IF_ICMPGE L14
```

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L14
LINENUMBER 330 L14
FRAME CHOP 2
ALOAD 8
SIPUSH 256
ICONST_1
ASTORE
L26
LINENUMBER 333 L26
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.i288c : II
ASTORE 13
L27
LINENUMBER 334 L27
ALOAD 8
ICONST_0
ALOAD 13
ICONST_0
SIPUSH 288
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L28
LINENUMBER 335 L28
ALOAD 0
ALOAD 13
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.optimizeHuffmanForRle (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;II)V
L29
LINENUMBER 336 L29
ALOAD 0
ALOAD 13
BIPUSH 15
ALOAD 5
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Katajainen.lengthLimitedCodeLengths (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;III)V
L30
LINENUMBER 338 L30
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.i32c : II
ASTORE 14
L31
LINENUMBER 339 L31
ALOAD 9
ICONST_0
ALOAD 14
ICONST_0
BIPUSH 32
INVOKESTATIC java/lang/System.arraycopy (Ljava/lang/Object;ILjava/lang/Object;II)V
L32
LINENUMBER 340 L32
ALOAD 0
ALOAD 14
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.optimizeHuffmanForRle (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;I)V
L33
LINENUMBER 341 L33
ALOAD 0
ALOAD 14
BIPUSH 15
ALOAD 6
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Katajainen.lengthLimitedCodeLengths (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;III)V
L34
LINENUMBER 342 L34
ALOAD 6
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.patchDistanceCodesForBuggyDecoders (II)V
L35
LINENUMBER 344 L35
ILOAD 7
ALOAD 0
ALOAD 5
ALOAD 6
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.simulateAddDynamicTree (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;II)I
IADD
ISTORE 7
L36
LINENUMBER 346 L36
ICONST_0
ISTORE 15
```

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L15
LINENUMBER 315 L15
ALOAD 2
ILOAD 13
CALOAD
ISTORE 14
L16
LINENUMBER 316 L16
ALOAD 1
ILOAD 13
CALOAD
ISTORE 15
L17
LINENUMBER 317 L17
ILOAD 14
IFNE L18
```

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L18
LINENUMBER 321 L18
FRAME APPEND [II]
ALOAD 8
ALOAD 10
ILOAD 15
IALOAD
DUP2
IALOAD
ICONST_1
IADD
ASTORE
L21
LINENUMBER 322 L21
ALOAD 11
ILOAD 14
IALOAD
ISTORE 16
L22
LINENUMBER 323 L22
ALOAD 9
ILOAD 16
DUP2
IALOAD
ICONST_1
IADD
ASTORE
L23
LINENUMBER 324 L23
ILOAD 7
ALOAD 12
ILOAD 15
IALOAD
IADD
ISTORE 7
L24
LINENUMBER 325 L24
ILOAD 16
ICONST_3
IF_ICMPLE L20
```

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L19
LINENUMBER 318 L19
ALOAD 8
ILOAD 15
DUP2
IALOAD
ICONST_1
IADD
ASTORE
GOTO L20
```

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L25
LINENUMBER 326 L25
ILOAD 7
ILOAD 16
ICONST_2
IDIV
ICONST_1
ISUB
IADD
ISTORE 7
```

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L20
LINENUMBER 314 L20
FRAME SAME
IINC 13
GOTO L13
```

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L37
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie [C [C II II II II II II II II
ILOAD 15
SIPUSH 288
IF_ICMPGE L38
```

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L39
LINENUMBER 347 L39
ILOAD 7
ILOAD 8
ILOAD 15
IALOAD
ALOAD 5
ILOAD 15
IALOAD
IMUL
IADD
ISTORE 7
L40
LINENUMBER 346 L40
IINC 15
GOTO L37
```

```
L38
LINENUMBER 349 L38
FRAME SAME
ICONST_0
ISTORE 15
```

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L41
FRAME SAME
ILOAD 15
BIPUSH 32
IF_ICMPGE L42
```

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L43
LINENUMBER 350 L43
ILOAD 7
ALOAD 9
ILOAD 15
IALOAD
ALOAD 6
ILOAD 15
IALOAD
IMUL
IADD
ISTORE 7
L44
LINENUMBER 349 L44
IINC 15
GOTO L41
```

```
L42
LINENUMBER 352 L42
FRAME SAME
ILOAD 7
LDC "ce8070eb-a533-4dd6-8ad6-333e061259c1"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
IRETURN
```

exit