

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

L18  
LINENUMBER 321 L18  
FRAME APPEND [I I]  
ALOAD 8  
ALOAD 10  
ILOAD 15  
IALOAD  
DUP2  
IALOAD  
ICONST\_1  
IADD  
IASTORE  
L21  
LINENUMBER 322 L21  
ALOAD 11  
ILOAD 14  
IALOAD  
ISTORE 16  
L22  
LINENUMBER 323 L22  
ALOAD 9  
ILOAD 16  
DUP2  
IALOAD  
ICONST\_1  
IADD  
IASTORE  
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

L19  
LINENUMBER 318 L19  
ALOAD 8  
ILOAD 15  
DUP2  
IALOAD  
ICONST\_1  
IADD  
IASTORE  
GOTO L20

L25  
LINENUMBER 326 L25  
ILOAD 7  
ILOAD 16  
ICONST\_2  
IDIV  
ICONST\_1  
ISUB  
IADD  
ISTORE 7

L20  
LINENUMBER 314 L20  
FRAME SAME  
INC 13 1  
GOTO L13

entry

L0  
LINENUMBER 299 L0  
LDC "c6e6e510-c4e2-44a4-ad0a-42491f9102b6"  
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 : [I  
ASTORE 5  
L1  
LINENUMBER 300 L1  
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : [I  
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 : [I  
ASTORE 6  
L3  
LINENUMBER 302 L3  
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : [I  
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 : [I  
ASTORE 8  
L6  
LINENUMBER 307 L6  
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : [I  
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 : [I  
ASTORE 9  
L8  
LINENUMBER 309 L8  
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.intZeroes : [I  
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 : [I  
ASTORE 10  
L10  
LINENUMBER 312 L10  
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.CACHED\_DIST\_SYMBOL : [I  
ASTORE 11  
L11  
LINENUMBER 313 L11  
GETSTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Util.LENGTH\_EXTRA\_BITS : [I  
ASTORE 12  
L12  
LINENUMBER 314 L12  
ILOAD 3  
ISTORE 13

L13  
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie [C [C I I [I I I [I I [I I I]  
ILOAD 13  
ILOAD 4  
IF\_ICMPGE L14

L14  
LINENUMBER 330 L14  
FRAME CHOP 2  
ALOAD 8  
SIPUSH 256  
ICONST\_1  
IASTORE  
L26  
LINENUMBER 333 L26  
ALOAD 0  
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.i288c : [I  
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;[I)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;[II]I)V  
L30  
LINENUMBER 338 L30  
ALOAD 0  
GETFIELD optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie.i32c : [I  
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  
ALOAD 15  
BIPUSH 15  
ALOAD 6  
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Katajainen.lengthLimitedCodeLengths (Loptimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie;[III]I)V  
L34  
LINENUMBER 342 L34  
ALOAD 6  
INVOKESTATIC optimizer/com/googlecode/pngtastic/core/processing/zopfli/Deflate.patchDistanceCodesForBuggyDecoders ([I)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

L37  
FRAME FULL [optimizer/com/googlecode/pngtastic/core/processing/zopfli/Cookie [C [C I I [I I I [I I [I I I]  
ILOAD 15  
SIPUSH 288  
IF\_ICMPGE L38

L39  
LINENUMBER 347 L39  
ILOAD 7  
ILOAD 8  
ILOAD 15  
IALOAD  
ALOAD 5  
ILOAD 15  
IALOAD  
IMUL  
IADD  
ISTORE 7  
L40  
LINENUMBER 346 L40  
INC 15 1  
GOTO L37

L38  
LINENUMBER 349 L38  
FRAME SAME  
ICONST\_0  
ISTORE 15

L41  
FRAME SAME  
ILOAD 15  
BIPUSH 32  
IF\_ICMPGE L42

L43  
LINENUMBER 350 L43  
ILOAD 7  
ILOAD 9  
ILOAD 15  
IALOAD  
ALOAD 6  
ILOAD 15  
IALOAD  
IMUL  
IADD  
ISTORE 7  
L44  
LINENUMBER 349 L44  
INC 15 1  
GOTO L41

L42  
LINENUMBER 352 L42  
FRAME SAME  
FRAME 7  
LDC "c6e6e510-c4e2-44a4-ad0a-42491f9102b6"  
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V  
IRETURN

exit