

entry

```
L0
LINENUMBER 41 L0
LDC "66a3077d-eded-4e6b-8d9e-5a010bd34758"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/RegionsCounter.enter (Ljava/lang/String;)V
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.log : Loptimizer/com/googlecode/pngtastic/core/Logger;
LDC "==== OPTIMIZING ==="
ICONST_0
ANEWARRAY java/lang/Object
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String:[Ljava/lang/Object;)V
L1
LINENUMBER 43 L1
INVOKESTATIC java/lang/System.currentTimeMillis ()J
LSTORE 5
L2
LINENUMBER 44 L2
ALOAD 0
ALOAD 1
ILOAD 3
ALOAD 4
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngOptimizer.optimize (Loptimizer/com/googlecode/pngtastic/core/PngImage;ZLjava/lang/Integer;)Loptimizer/com/googlecode/pngtastic/core/PngImage;
ASTORE 7
L3
LINENUMBER 46 L3
NEW java/io/ByteArrayOutputStream
DUP
INVOKESPECIAL java/io/ByteArrayOutputStream.<init> ()V
ASTORE 8
L4
LINENUMBER 47 L4
ALOAD 7
ALOAD 8
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngImage.writeDataOutputStream (Ljava/io/OutputStream;)Ljava/io/DataOutputStream;
INVOKEVIRTUAL java/io/DataOutputStream.size ()I
I2L
LSTORE 9
L5
LINENUMBER 49 L5
NEW java/io/File
DUP
ALOAD 1
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngImage.getFileName ()Ljava/lang/String;
INVOKESPECIAL java/io/File.<init> (Ljava/lang/String;)V
ASTORE 11
L6
LINENUMBER 50 L6
ALOAD 11
INVOKEVIRTUAL java/io/File.length ()J
LSTORE 12
L7
LINENUMBER 52 L7
LLOAD 9
LLOAD 12
LCMP
IFGE L8
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ALOAD 8
L9
LINENUMBER 53 L9
INVOKEVIRTUAL java/io/ByteArrayOutputStream.toByteArray ()[B
GOTO L10
```

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L8
FRAME FULL [optimizer/com/googlecode/pngtastic/core/PngOptimizer optimizer/com/googlecode/pngtastic/core/PngImage java/lang/String I java/lang/Integer J optimizer/com/googlecode/pngtastic/core/PngImage java/io/ByteArrayOutputStream J java/io/File J] []
ALOAD 0
ALOAD 11
LLOAD 12
INVOKESPECIAL optimizer/com/googlecode/pngtastic/core/PngOptimizer.getBytes (Ljava/io/File:J)[B
```

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L10
FRAME SAME1 [B
ASTORE 14
L11
LINENUMBER 55 L11
ALOAD 7
ALOAD 2
ALOAD 14
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngImage.export (Ljava/lang/String:[B)Ljava/io/File;
ASTORE 15
L12
LINENUMBER 57 L12
ALOAD 15
INVOKEVIRTUAL java/io/File.length ()J
LSTORE 16
L13
LINENUMBER 58 L13
INVOKESTATIC java/lang/System.currentTimeMillis ()J
LLOAD 5
LSUB
LSTORE 18
L14
LINENUMBER 60 L14
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.log : Loptimizer/com/googlecode/pngtastic/core/Logger;
LDC "Optimized in %d milliseconds, size %d"
ICONST_2
ANEWARRAY java/lang/Object
DUP
ICONST_0
LLOAD 18
INVOKESTATIC java/lang/Long.valueOf (J)Ljava/lang/Long;
AASTORE
DUP
ICONST_1
LLOAD 9
INVOKESTATIC java/lang/Long.valueOf (J)Ljava/lang/Long;
AASTORE
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String:[Ljava/lang/Object;)V
L15
LINENUMBER 61 L15
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.log : Loptimizer/com/googlecode/pngtastic/core/Logger;
LDC "Original length in bytes: %d (%s)"
ICONST_2
ANEWARRAY java/lang/Object
DUP
ICONST_0
LLOAD 12
INVOKESTATIC java/lang/Long.valueOf (J)Ljava/lang/Long;
AASTORE
DUP
ICONST_1
ALOAD 1
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngImage.getFileName ()Ljava/lang/String;
AASTORE
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String:[Ljava/lang/Object;)V
L16
LINENUMBER 62 L16
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.log : Loptimizer/com/googlecode/pngtastic/core/Logger;
LDC "Final length in bytes: %d (%s)"
ICONST_2
ANEWARRAY java/lang/Object
DUP
ICONST_0
LLOAD 16
INVOKESTATIC java/lang/Long.valueOf (J)Ljava/lang/Long;
AASTORE
DUP
ICONST_1
ALOAD 2
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/Logger.debug (Ljava/lang/String:[Ljava/lang/Object;)V
L17
LINENUMBER 64 L17
LLOAD 16
LLOAD 12
LCMP
IFGT L18
```

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LLOAD 12
LLOAD 16
LSUB
GOTO L19
```

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L18
FRAME FULL [optimizer/com/googlecode/pngtastic/core/PngOptimizer optimizer/com/googlecode/pngtastic/core/PngImage java/lang/String I java/lang/Integer J optimizer/com/googlecode/pngtastic/core/PngImage java/io/ByteArrayOutputStream J java/io/File J [B java/io/File J] []
LLOAD 16
LLOAD 12
LSUB
LNEG
```

```
L19
FRAME SAME1 J
LSTORE 20
L20
LINENUMBER 67 L20
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.log : Loptimizer/com/googlecode/pngtastic/core/Logger;
LDC "%5.2f%% :%6dB ->%6dB (%5dB saved) - %s"
ICONST_5
ANEWARRAY java/lang/Object
DUP
ICONST_0
LLOAD 20
L2F
LLOAD 12
L2F
L21
LINENUMBER 68 L21
INVOKESTATIC java/lang/Float.valueOf (F)Ljava/lang/Float;
INVOKEVIRTUAL java/lang/Float.floatValue ()F
FDIV
LDC 100.0
FMUL
INVOKESTATIC java/lang/Float.valueOf (F)Ljava/lang/Float;
AASTORE
DUP
ICONST_1
LLOAD 12
L22
LINENUMBER 69 L22
INVOKESTATIC java/lang/Long.valueOf (J)Ljava/lang/Long;
AASTORE
DUP
ICONST_2
LLOAD 16
INVOKESTATIC java/lang/Long.valueOf (J)Ljava/lang/Long;
AASTORE
DUP
ICONST_3
LLOAD 20
INVOKESTATIC java/lang/Long.valueOf (J)Ljava/lang/Long;
AASTORE
DUP
ICONST_4
ALOAD 2
AASTORE
L23
LINENUMBER 67 L23
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/Logger.info (Ljava/lang/String:[Ljava/lang/Object;)V
L24
LINENUMBER 71 L24
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.generateDataUriCss : Z
IFEQ L25
```

```
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.pngCompressionHandler : Loptimizer/com/googlecode/pngtastic/core/processing/PngCompressionHandler;
ALOAD 14
INVOKEINTERFACE optimizer/com/googlecode/pngtastic/core/processing/PngCompressionHandler.encodeBytes ([B)Ljava/lang/String;
GOTO L26
```

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L25
FRAME APPEND [J]
ACONST_NULL
```

```
L26
FRAME SAME1 java/lang/String
ASTORE 22
L27
LINENUMBER 73 L27
ALOAD 0
GETFIELD optimizer/com/googlecode/pngtastic/core/PngOptimizer.results : Ljava/util/List;
NEW optimizer/com/googlecode/pngtastic/core/PngOptimizer$OptimizerResult
DUP
ALOAD 1
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngImage.getFileName ()Ljava/lang/String;
LLOAD 12
LLOAD 16
ALOAD 1
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngImage.getWidth ()J
ALOAD 1
INVOKEVIRTUAL optimizer/com/googlecode/pngtastic/core/PngImage.getHeight ()J
ALOAD 22
INVOKESPECIAL optimizer/com/googlecode/pngtastic/core/PngOptimizer$OptimizerResult.<init> (Ljava/lang/String;JJJJLjava/lang/String;)V
INVOKEINTERFACE java/util/List.add (Ljava/lang/Object;)Z
POP
L28
LINENUMBER 74 L28
LDC "66a3077d-eded-4e6b-8d9e-5a010bd34758"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/RegionsCounter.exit (Ljava/lang/String;)V
RETURN
```

exit