

entry

L0
LINENUMBER 31 L0
LDC "31c167b6-bfc7-4899-8cdb-0ae606ef70e"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "Instrumented"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L1
LINENUMBER 32 L1
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/option/Sink.init (V
L2
LINENUMBER 34 L2
NEW java/util/HashMap
DUP
INVOGESPECIAL java/util/HashMap.<init> (V
ASTORE 1
L3
LINENUMBER 35 L3
ICONST_0
ISTORE 2
L4
LINENUMBER 36 L4
ICONST_0
ISTORE 3

L5
FRAME APPEND [java/util/HashMap I I]
ILOAD 3
ALOAD 0
ARRAYLENGTH
IF_ICMPGE L6

L7
LINENUMBER 37 L7
ALOAD 0
ILOAD 3
AALOAD
ASTORE 4
L8
LINENUMBER 38 L8
ALOAD 4
LDC ""
INVOKEVIRTUAL java/lang/String.startsWith (Ljava/lang/String;)Z
IFEQ L9

L10
LINENUMBER 39 L10
ILOAD 3
ICONST_1
IADD
ISTORE 5
L11
LINENUMBER 40 L11
ILOAD 5
AALOAD
ARRAYLENGTH
IF_ICMPGE L12

L12
LINENUMBER 45 L12
FRAME APPEND [java/lang/String I]
ALOAD 1
ALOAD 4
ACONST_NULL
INVOKEINTERFACE java/util/Map.put (Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;
POP
L15
LINENUMBER 46 L15
ILOAD 5
ISTORE 2

L9
LINENUMBER 36 L9
FRAME CHOP 1
IINC 3 1
GOTO L5

L13
LINENUMBER 41 L13
ALOAD 1
ALOAD 4
ILOAD 0
ILOAD 5
AALOAD
INVOKEINTERFACE java/util/Map.put (Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;
POP
L14
LINENUMBER 42 L14
ILOAD 5
ICONST_1
IADD
ISTORE 2
GOTO L9

L6
LINENUMBER 50 L6
FRAME CHOP 1
ALOAD 0
ILOAD 2
AALOAD 0
ARRAYLENGTH
INVOKESTATIC java/util/Arrays.copyOfRange ((Ljava/lang/Object;I)Ljava/lang/Object;
CHECKCAST [Ljava/lang/String;
ASTORE 3
L16
LINENUMBER 51 L16
ICONST_1
ANEWARKAY java/lang/String
ASTORE 3
L17
LINENUMBER 52 L17
ALOAD 3
ICONST_0
LDC "Users/mvelezce/Documents/Programming/Java/Projects/performance-mapper-evaluation/original/pngtastic-optimizer/images/optimizer/car.png"
ASTORE
L18
LINENUMBER 55 L18
ALOAD 3
ARRAYLENGTH
IFNE L19

L19
LINENUMBER 61 L19
FRAME FULL [[Ljava/lang/String; java/util/HashMap I [Ljava/lang/String;] I]
ALOAD 1
LDC ""-toDir"
INVOKEINTERFACE java/util/Map.get (Ljava/lang/Object;)Ljava/lang/Object;
IFNONNULL L23

L23
FRAME SAME
ALOAD 1
LDC ""-toDir"
INVOKEINTERFACE java/util/Map.get (Ljava/lang/Object;)Ljava/lang/Object;
CHECKCAST java/lang/String

LDC ""
GOTO L24

L24
FRAME SAME1 java/lang/String
ASTORE 4
L25
LINENUMBER 62 L25
ALOAD 1
LDC ""-fileSuffix"
INVOKEINTERFACE java/util/Map.get (Ljava/lang/Object;)Ljava/lang/Object;
IFNONNULL L26

L26
FRAME APPEND [java/lang/String]
ALOAD 1
LDC ""-fileSuffix"
INVOKEINTERFACE java/util/Map.get (Ljava/lang/Object;)Ljava/lang/Object;
CHECKCAST java/lang/String

LDC ""
GOTO L27

L27
FRAME SAME1 java/lang/String
ASTORE 5
L28
LINENUMBER 69 L28
ALOAD 0
ICONST_0
AALOAD
INVOKESTATIC java/lang/Boolean.valueOf (Ljava/lang/String;)Ljava/lang/Boolean;
INVOKEVIRTUAL java/lang/Boolean.booleanValue (Z)
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/option/Source.getOptionREMOVEGAMMA (Z)Z
PUTSTATIC optimizer/com/googlecode/pngtastic/Run.REMOVEGAMMA : Z
L29
LINENUMBER 70 L29
ALOAD 0
ICONST_1
AALOAD
INVOKESTATIC java/lang/Boolean.valueOf (Ljava/lang/String;)Ljava/lang/Boolean;
INVOKEVIRTUAL java/lang/Boolean.booleanValue (Z)
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/option/Source.getOptionCOMPRESSIONLEVEL (Z)Z
PUTSTATIC optimizer/com/googlecode/pngtastic/Run.COMPRESSIONLEVEL : Z
L30
LINENUMBER 71 L30
ALOAD 0
ICONST_2
AALOAD
INVOKESTATIC java/lang/Boolean.valueOf (Ljava/lang/String;)Ljava/lang/Boolean;
INVOKEVIRTUAL java/lang/Boolean.booleanValue (Z)
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/option/Source.getOptionCOMPRESSOR (Z)Z
PUTSTATIC optimizer/com/googlecode/pngtastic/Run.COMPRESSOR : Z
L31
LINENUMBER 72 L31
ALOAD 0
ICONST_3
AALOAD
INVOKESTATIC java/lang/Boolean.valueOf (Ljava/lang/String;)Ljava/lang/Boolean;
INVOKEVIRTUAL java/lang/Boolean.booleanValue (Z)
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/option/Source.getOptionITERATIONS (Z)Z
PUTSTATIC optimizer/com/googlecode/pngtastic/Run.ITERATIONS : Z
L32
LINENUMBER 73 L32
ALOAD 0
ICONST_4
AALOAD
INVOKESTATIC java/lang/Boolean.valueOf (Ljava/lang/String;)Ljava/lang/Boolean;
INVOKEVIRTUAL java/lang/Boolean.booleanValue (Z)
INVOKESTATIC edu/cmu/cs/mvelezce/analysis/option/Source.getLogLEVEL (Z)Z
PUTSTATIC optimizer/com/googlecode/pngtastic/Run.LOGLEVEL : Z
L33
LINENUMBER 81 L33
ICONST_0
INVOKESTATIC java/lang/Boolean.valueOf (Z)Ljava/lang/Boolean;
ASTORE 6
L34
LINENUMBER 82 L34
ICONST_0
INVOKESTATIC java/lang/Integer.valueOf (I)Ljava/lang/Integer;
ASTORE 7
L35
LINENUMBER 83 L35
LDC "none"
ASTORE 8
L36
LINENUMBER 84 L36
LDC "none"
ASTORE 9
L37
LINENUMBER 85 L37
ICONST_1
INVOKESTATIC java/lang/Integer.valueOf (I)Ljava/lang/Integer;
ASTORE 10
L38
LINENUMBER 87 L38
GETSTATIC optimizer/com/googlecode/pngtastic/Run.REMOVEGAMMA : Z
IFEQ L39

L40
LINENUMBER 88 L40
INVOKESTATIC java/lang/Boolean.valueOf (Z)Ljava/lang/Boolean;
ASTORE 6

L39
LINENUMBER 91 L39
FRAME FULL [[Ljava/lang/String; java/util/HashMap I [Ljava/lang/String; java/lang/String java/lang/String java/lang/Boolean java/lang/Integer java/lang/String java/lang/Integer] I]
LDC "ed4323d1-492b-4d48-85d0-e818edcc24dd"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
GETSTATIC optimizer/com/googlecode/pngtastic/Run.COMPRESSIONLEVEL : Z
IFEQ L41

L42
LINENUMBER 92 L42
BIPUSH 9
INVOKESTATIC java/lang/Integer.valueOf (I)Ljava/lang/Integer;
ASTORE 7

L41
LINENUMBER 95 L41
FRAME SAME
LDC "ed4323d1-492b-4d48-85d0-e818edcc24dd"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
LDC "2d41d37e-2461-49fb-a228-6b57d2724172"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V
GETSTATIC optimizer/com/googlecode/pngtastic/Run.COMPRESSOR : Z
IFEQ L43

L44
LINENUMBER 96 L44
LDC "zopfli"
ASTORE 9

L43
LINENUMBER 99 L43
FRAME SAME
GETSTATIC optimizer/com/googlecode/pngtastic/Run.ITERATIONS : Z
IFEQ L45

L46
LINENUMBER 100 L46
BIPUSH 32
INVOKESTATIC java/lang/Integer.valueOf (I)Ljava/lang/Integer;
ASTORE 10

L45
LINENUMBER 103 L45
FRAME SAME
GETSTATIC optimizer/com/googlecode/pngtastic/Run.LOGLEVEL : Z
IFEQ L47

L48
LINENUMBER 104 L48
LDC "debug"
ASTORE 8

L47
LINENUMBER 107 L47
FRAME SAME
NEW optimizer/com/googlecode/pngtastic/PngtasticOptimizer
DUP
ALOAD 4
ALOAD 3
ALOAD 5
ALOAD 6
ALOAD 7
ALOAD 9
ALOAD 10
ALOAD 8
INVOGESPECIAL optimizer/com/googlecode/pngtastic/PngtasticOptimizer.<init> (Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/lang/Boolean;Ljava/lang/Integer;Ljava/lang/String;Ljava/lang/Integer;Ljava/lang/String;)V
POP
L49
LINENUMBER 108 L49
LDC "2d41d37e-2461-49fb-a228-6b57d2724172"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
LDC "31c167b6-bfc7-4899-8cdb-0ae606ef70e"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN

exit

L20
LINENUMBER 56 L20
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "No files to process"
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L21
LINENUMBER 57 L21
GETSTATIC java/lang/System.out : Ljava/io/PrintStream;
LDC "java -cp pngtastic-s.s.jar optimizer.com.googlecode.pngtastic.PngtasticOptimizer [options] file1 [file2 ...]"
Options:
--toDir the directory where optimized files go (will be created if it doesn't exist)
--fileSuffix string appended to the optimized files (file.png can become file.png.optimized.png)
--removeGamma remove gamma correction info if found
--compressionLevel the compression level; 0-9 allowed (default is to try them all by brute force)
--compressor path to an alternate compressor (e.g. zopfli)
--iterations number of compression iterations (useful for zopfli)
--logLevel the level of logging output (none, debug, info, or error)
L22
INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V
L23
LINENUMBER 58 L23
LDC "31c167b6-bfc7-4899-8cdb-0ae606ef70e"
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V
RETURN