entry LINENUMBER 32 L0 GETSTATIC java/lang/System.out : Ljava/io/PrintStream; LDC "Original" INVOKEVIRTUAL java/io/PrintStream.println (Ljava/lang/String;)V LINENUMBER 33 L1 INVOKESTATIC edu/cmu/cs/mvelezce/analysis/option/Sink.init ()V LINENUMBER 35 L2 LDC "prime" ASTORE 1 LINENUMBER 36 L3 NEW java/io/File DUP ALOAD 1 INVOKESPECIAL java/io/File.<init> (Ljava/lang/String;)V ASTORE 2 LINENUMBER 38 L4 ALOAD 2 INVOKEVIRTUAL java/io/File.exists ()Z IFEQ L5 LINENUMBER 39 L6 ALOAD 2 INVOKESTATIC org/apache/commons/io/FileUtils.forceDelete (Ljava/io/File;)V LINENUMBER 42 L5 FRAME APPEND [java/lang/String java/io/File] LDC "65c32da8-cba5-48ed-b900-c7e15fc11a0c' INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V 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.getOptionTRANSIENTMODE (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.TRANSIENTMODE : Z LINENUMBER 43 L7 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.getOptionCLOCK (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.CLOCK: Z LINENUMBER 44 L8 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.getOptionDEEPCOPY (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.DEEPCOPY : Z LINENUMBER 45 L9 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.getOptionDISKSYNC (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.DISKSYNC : Z LINENUMBER 46 L10 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.getOptionFILESIZETHRESHOLD (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.FILESIZETHRESHOLD: Z LINENUMBER 47 L11 ALOAD 0 ICONST 5 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.getOptionFILEAGETHRESHOLD (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.FILEAGETHRESHOLD: Z L12 LINENUMBER 48 L12 ALOAD 0 BIPUSH 6 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.getOptionMONITOR (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.MONITOR: Z LINENUMBER 49 L13 ALOAD 0 BIPUSH 7 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.getOptionJOURNALSERIALIZER (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.JOURNALSERIALIZER: Z LINENUMBER 50 L14 ALOAD 0 BIPUSH 8 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.getOptionSNAPSHOTSERIALIZER (Z)Z PUTSTATIC org/prevayler/demos/demo1/PrimeNumbers.SNAPSHOTSERIALIZER: Z LINENUMBER 60 L15 ICONST\_0 ISTORE 3 L16 LINENUMBER 62 L16 ICONST 0 ISTORE 5 L17 LINENUMBER 63 L17 ICONST 0 ISTORE 6 L18 LINENUMBER 64 L18 ICONST 0 ISTORE 7 L19 LINENUMBER 65 L19 ICONST 0 ISTORE 8 L20 LINENUMBER 68 L20 GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.TRANSIENTMODE: Z IFEQ L21 LINENUMBER 69 L22 ICONST\_1 ISTORE 3 LINENUMBER 72 L21 FRAME FULL [[Ljava/lang/String; java/lang/String java/io/File I T I I I I ] [] LDC "65c32da8-cba5-48ed-b900-c7e15fc11a0c" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "034ed5eb-26d9-471f-a430-7f2ea250b2f5" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.CLOCK: Z IFEQ L23 LINENUMBER 73 L24 L23 NEW org/prevayler/implementation/clock/PausableClock LINENUMBER 76 L23 FRAME SAME NEW org/prevayler/implementation/clock/MachineClock NEW org/prevayler/implementation/clock/MachineClock INVOKESPECIAL org/prevayler/implementation/clock/MachineClock.<init> ()V INVOKESPECIAL org/prevayler/implementation/clock/PausableClock.<init> (Lorg/prevayler/Clock;)V INVOKESPECIAL org/prevayler/implementation/clock/MachineClock.<init> ()V ASTORE 4 ASTORE 4 GOTO L25 LINENUMBER 79 L25 FRAME FULL [[Ljava/lang/String; java/lang/String java/io/File I java/lang/Object I I I I] [] LDC "034ed5eb-26d9-471f-a430-7f2ea250b2f5" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "46446abd-7197-4aaa-9d15-e9b1722cf942" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.DEEPCOPY: Z IFEQ L26 L27 LINENUMBER 80 L27 ICONST\_1 ISTORE 5 LINENUMBER 83 L26 FRAME SAME LDC "46446abd-7197-4aaa-9d15-e9b1722cf942" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "a03dc752-e062-4fd7-b119-a0fd356b9479" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.DISKSYNC : Z IFEQ L28 LINENUMBER 84 L29 ICONST\_1 ISTORE 6 LINENUMBER 87 L28 FRAME SAME LDC "a03dc752-e062-4fd7-b119-a0fd356b9479" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "5af4eb14-e8f1-46ca-8626-5c3255dd519d" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.FILESIZETHRESHOLD: Z IFEQ L30 L31 LINENUMBER 88 L31 LDC 1000000 ISTORE 7 LINENUMBER 91 L30 FRAME SAME LDC "5af4eb14-e8f1-46ca-8626-5c3255dd519d" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "5dde87bf-ac76-4998-935b-461737e77b26" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.FILEAGETHRESHOLD: Z IFEQ L32 L33 LINENUMBER 92 L33 LDC 1000000 ISTORE 8 LINENUMBER 95 L32 FRAME SAME LDC "5dde87bf-ac76-4998-935b-461737e77b26" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "edc005e3-98c3-4d0d-bc21-9b9d52220ea0" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.MONITOR : Z IFEQ L34 L35 LINENUMBER 99 L34 LINENUMBER 96 L35 NEW org/prevayler/foundation/monitor/Log4jMonitor FRAME SAME NEW org/prevayler/foundation/monitor/SimpleMonitor INVOKESPECIAL org/prevayler/foundation/monitor/Log4jMonitor.<init>()V INVOKESPECIAL org/prevayler/foundation/monitor/SimpleMonitor.<init>()V ASTORE 9 **ASTORE 9** GOTO L36 LINENUMBER 102 L36 FRAME APPEND [org/prevayler/foundation/monitor/LoggingMonitor] LDC "edc005e3-98c3-4d0d-bc21-9b9d52220ea0" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "6a00d1a4-599c-4276-9aee-6d9554d6ddfe" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V NEW org/prevayler/PrevaylerFactory INVOKESPECIAL org/prevayler/PrevaylerFactory.<init> ()V ASTORE 10 L37 LINENUMBER 103 L37 ALOAD 10 NEW org/prevayler/demos/demo1/NumberKeeper INVOKESPECIAL org/prevayler/demos/demo1/NumberKeeper.<init>()V INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configurePrevalentSystem (Ljava/lang/Object;)V L38 LINENUMBER 104 L38 ALOAD 10 ALOAD 1 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configurePrevalenceDirectory (Ljava/lang/String;)V LINENUMBER 106 L39 ALOAD 10 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureClock (Lorg/prevayler/Clock;)V LINENUMBER 107 L40 ALOAD 10 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureMonitor (Lorg/prevayler/foundation/monitor/Monitor;)V LINENUMBER 108 L41 ALOAD 10 ILOAD 3 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureTransientMode (Z)V LINENUMBER 109 L42 ALOAD 10 ILOAD 5 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureTransactionDeepCopy (Z)V LINENUMBER 110 L43 ALOAD 10 ILOAD 6 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureJournalDiskSync (Z)V LINENUMBER 111 L44 ALOAD 10 ILOAD 7 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureJournalFileSizeThreshold (J)V LINENUMBER 112 L45 ALOAD 10 ILOAD 8 INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureJournalFileAgeThreshold (J)V LINENUMBER 115 L46  $GETSTATIC\ org/prevayler/demos/demo1/PrimeNumbers. JOURNALSERIALIZER: Z$ IFEQ L47 L48 L47 LINENUMBER 116 L48 LINENUMBER 119 L47 ALOAD 10 FRAME APPEND [org/prevayler/PrevaylerFactory] NEW org/prevayler/foundation/serialization/XStreamSerializer ALOAD 10 NEW org/prevayler/foundation/serialization/JavaSerializer INVOKESPECIAL org/prevayler/foundation/serialization/XStreamSerializer.<init>()V DUP INVOKESPECIAL org/prevayler/foundation/serialization/JavaSerializer.<init> ()V INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureJournalSerializer (Lorg/prevayler/foundation/serialization/JavaSerializer;)V INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureJournalSerializer (Lorg/prevayler/foundation/serialization/XStreamSerializer;)V GOTO L49 LINENUMBER 122 L49 FRAME SAME LDC "6a00d1a4-599c-4276-9aee-6d9554d6ddfe" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V LDC "ef5d202b-01ca-47ae-bb43-73e21d5b59ae' INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.enter (Ljava/lang/String;)V GETSTATIC org/prevayler/demos/demo1/PrimeNumbers.SNAPSHOTSERIALIZER: Z IFEQ L50 LINENUMBER 123 L51 LINENUMBER 126 L50 FRAME SAME ALOAD 10 ALOAD 10 NEW org/prevayler/foundation/serialization/XStreamSerializer NEW org/prevayler/foundation/serialization/JavaSerializer INVOKESPECIAL org/prevayler/foundation/serialization/XStreamSerializer.<init> ()V INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureSnapshotSerializer (Lorg/prevayler/foundation/serialization/XStreamSerializer;)V INVOKESPECIAL org/prevayler/foundation/serialization/JavaSerializer.<init>()V INVOKEVIRTUAL org/prevayler/PrevaylerFactory.configureSnapshotSerializer (Lorg/prevayler/foundation/serialization/JavaSerializer;)V GOTO L52 LINENUMBER 132 L52 FRAME SAME LDC "ef5d202b-01ca-47ae-bb43-73e21d5b59ae" INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/region/Regions.exit (Ljava/lang/String;)V INVOKEVIRTUAL org/prevayler/PrevaylerFactory.create ()Lorg/prevayler/Prevayler; ASTORE 11 L53 LINENUMBER 133 L53 NEW org/prevayler/demos/demo1/PrimeCalculator ALOAD 11 INVOKESPECIAL org/prevayler/demos/demo1/PrimeCalculator.<init> (Lorg/prevayler/Prevayler;)V INVOKEVIRTUAL org/prevayler/demos/demo1/PrimeCalculator.start ()V LINENUMBER 134 L54 RETURN

exit