

```

[INFO] Scanning for projects...
[INFO] -----
[INFO] Reactor Build Order:
[INFO]
[INFO] uk.gov.gchq.gaffer:gaffer2 [pom]
[INFO] core [pom]
[INFO] common-util [jar]
[INFO] exception [jar]
[INFO] serialisation [jar]
[INFO] type [jar]
[INFO] access [jar]
[INFO] data [jar]
[INFO] cache [jar]
[INFO] operation [jar]
[INFO] library [pom]
[INFO] cache-library [pom]
[INFO] jcs-cache-service [jar]
[INFO] store [jar]
[INFO] graph [jar]
[INFO] integration-test [jar]
[INFO] sketches-library [jar]
[INFO] hdfs-library [jar]
[INFO] spark [pom]
[INFO] spark-library [jar]
[INFO] store-implementation [pom]
[INFO] map-store [jar]
[INFO] accumulo-store [jar]
[INFO] spark-accumulo-library [jar]
[INFO] bitmap-library [jar]
[INFO] hazelcast-cache-service [jar]
[INFO] flink-library [jar]
[INFO] time-library [jar]
[INFO] rest-api [pom]
[INFO] common-rest [jar]
[INFO] core-rest [war]
[INFO] proxy-store [jar]
[INFO] federated-store [jar]
[INFO] tinkerpops [jar]
[INFO] simple-federated-store [jar]
[INFO] accumulo-rest [war]
[INFO] map-rest [war]
[INFO] spring-rest [jar]
[INFO] example [pom]
[INFO] road-traffic [pom]
[INFO] road-traffic-model [jar]
[INFO] road-traffic-generators [jar]
[INFO] road-traffic-rest [war]

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[INFO] road-traffic-demo                [war]
[INFO] basic                              [pom]
[INFO] basic-model                         [jar]
[INFO] basic-rest                          [war]
[INFO] federated-demo                      [war]
[INFO]
[INFO] -----< uk.gov.gchq.gaffer:gaffer2 >-----
[INFO] Building uk.gov.gchq.gaffer:gaffer2 2.3.1-SNAPSHOT      [1/48]
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> nondex-maven-plugin:2.1.7:nondex (default-cli) > test-compile @ gaffer2
>>>
[INFO]
[INFO] --- maven-enforcer-plugin:3.1.0:enforce (enforce-banned-dependencies) @
gaffer2 ---
[INFO]
[INFO] --- flatten-maven-plugin:1.5.0:flatten (flatten) @ gaffer2 ---
[INFO] Generating flattened POM of project uk.gov.gchq.gaffer:gaffer2:pom:2.3.1-
SNAPSHOT...
[INFO]
[INFO] <<< nondex-maven-plugin:2.1.7:nondex (default-cli) < test-compile @ gaffer2
<<<
[INFO]
[INFO]
[INFO] --- nondex-maven-plugin:2.1.7:nondex (default-cli) @ gaffer2 ---
INFO: The original argline is:
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=933178
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/.nondex
nondexJarDir=.nondex
nondexExecid=clean_2ftthj7ikrUJNX0xoX3IBaoNuwa2TO0StgMu4JZ1gU=
nondexLogging=CONFIG
test=
[INFO] No tests to run.
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=933178
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false

```

```
nondexDir=/home/muktaj2/Gaffer/.nondex
nondexJarDir=/home/muktaj2/Gaffer/.nondex
nondexExecid=4Pop7ek9vnxl6NbuRiqY7liPRbSL0Mis90IEIZeR4=
nondexLogging=CONFIG
test=
[INFO] No tests to run.
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=974622
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/.nondex
nondexJarDir=/home/muktaj2/Gaffer/.nondex
nondexExecid=VMziP72TqabBxkGxgFQ54JFkKWMYVWDUrk3mnwQA1PI=
nondexLogging=CONFIG
test=
[INFO] No tests to run.
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=1016066
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/.nondex
nondexJarDir=/home/muktaj2/Gaffer/.nondex
nondexExecid=AW9WcibtMuCzhMoo5MncvJtsyKIUrrkYnCCzw2AHyvs=
nondexLogging=CONFIG
test=
[INFO] No tests to run.
[INFO] NonDex SUMMARY:
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=933178 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/.nondex"
-DnondexJarDir="/home/muktaj2/Gaffer/.nondex"
-DnondexExecid=4Pop7ek9vnxl6NbuRiqY7liPRbSL0Mis90IEIZeR4=
-DnondexLogging=CONFIG
[INFO] No Test Failed with this configuration.
[INFO] *****
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=974622 -DnondexStart=0 -DnondexEnd=9223372036854775807
```

```
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/.nondex"
-DnondexJarDir="/home/muktaj2/Gaffer/.nondex"
-DnondexExecid=VMziP72TqabBxkGxgFQ54JFkKWMYVWDUrK3mnwQA1PI=
-DnondexLogging=CONFIG
[INFO] No Test Failed with this configuration.
[INFO] *****
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=1016066 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/.nondex"
-DnondexJarDir="/home/muktaj2/Gaffer/.nondex"
-DnondexExecid=AW9WcbtMuCzhMoo5MncvJtsyKIUrrkYnCCzw2AHyvs=
-DnondexLogging=CONFIG
[INFO] No Test Failed with this configuration.
[INFO] *****
[INFO] All tests pass without NonDex shuffling
[INFO] #####
[INFO] Across all seeds:
[INFO] Test results can be found at:
[INFO] file:///home/muktaj2/Gaffer/.nondex/
4Pop7ek9vnxl6NbuRiqY7liPRbSL0Mis90IEIZeR4=/test_results.html
[INFO] [NonDex] The id of this run is:
4Pop7ek9vnxl6NbuRiqY7liPRbSL0Mis90IEIZeR4=
[INFO]
[INFO] -----< uk.gov.gchq.gaffer:core >-----
[INFO] Building core 2.3.1-SNAPSHOT [2/48]
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> nondex-maven-plugin:2.1.7:nondex (default-cli) > test-compile @ core >>>
[INFO]
[INFO] --- maven-enforcer-plugin:3.1.0:enforce (enforce-banned-dependencies) @ core
---
[INFO]
[INFO] --- flatten-maven-plugin:1.5.0:flatten (flatten) @ core ---
[INFO] Generating flattened POM of project uk.gov.gchq.gaffer:core:pom:2.3.1-
SNAPSHOT...
[INFO]
[INFO] <<< nondex-maven-plugin:2.1.7:nondex (default-cli) < test-compile @ core <<<
[INFO]
[INFO]
[INFO] --- nondex-maven-plugin:2.1.7:nondex (default-cli) @ core ---
INFO: The original argline is:
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=933178
nondexStart=0
```

nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/.nondex
nondexJarDir=.nondex
nondexExecid=clean_cDfCVBT7XMBovrOWXm+Sx0qT1uoUPSFlwt9OR48oE=
nondexLogging=CONFIG
test=
[INFO] No tests to run.
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=933178
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/.nondex
nondexJarDir=/home/muktaj2/Gaffer/core/.nondex
nondexExecid=PxhsGp8riSV14SSeaWhNCCHtj0H8XjTyYUxtQHU89U=
nondexLogging=CONFIG
test=
[INFO] No tests to run.
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=974622
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/.nondex
nondexJarDir=/home/muktaj2/Gaffer/core/.nondex
nondexExecid=E9O2WYYIbLtXoxXXZ1teyK3rEWfqIxZGfZYkO0NXiM=
nondexLogging=CONFIG
test=
[INFO] No tests to run.
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=1016066
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/.nondex
nondexJarDir=/home/muktaj2/Gaffer/core/.nondex
nondexExecid=IR5HcQ6ZpPWrfccSULGSaG10JKkUXxmFuTTRyLxDwg=

```
nondexLogging=CONFIG
test=
[INFO] No tests to run.
[INFO] NonDex SUMMARY:
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=933178 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/core/.nondex"
-DnondexJarDir="/home/muktaj2/Gaffer/core/.nondex"
-DnondexExecid=PxhsGp8riSV14SSeaWhNCCHtj0H8XjTyYUxtQHU89U=
-DnondexLogging=CONFIG
[INFO] No Test Failed with this configuration.
[INFO] *****
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=974622 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/core/.nondex"
-DnondexJarDir="/home/muktaj2/Gaffer/core/.nondex"
-DnondexExecid=E9O2WYYIbLtXoxXXZ1teyK3rEWfqIxzGfZYkO0NXiM=
-DnondexLogging=CONFIG
[INFO] No Test Failed with this configuration.
[INFO] *****
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=1016066 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/core/.nondex"
-DnondexJarDir="/home/muktaj2/Gaffer/core/.nondex"
-DnondexExecid=IR5HcQ6ZpPWrfccSULGSaG10JKkUXxmFuTTRyLxDwg=
-DnondexLogging=CONFIG
[INFO] No Test Failed with this configuration.
[INFO] *****
[INFO] All tests pass without NonDex shuffling
[INFO] #####
[INFO] Across all seeds:
[INFO] Test results can be found at:
[INFO] file:///home/muktaj2/Gaffer/core/.nondex/
PxhsGp8riSV14SSeaWhNCCHtj0H8XjTyYUxtQHU89U=/test_results.html
[INFO] [NonDex] The id of this run is:
PxhsGp8riSV14SSeaWhNCCHtj0H8XjTyYUxtQHU89U=
[INFO]
[INFO] -----< uk.gov.gchq.gaffer:common-util >-----
[INFO] Building common-util 2.3.1-SNAPSHOT [3/48]
[INFO] -----[ jar ]-----
[INFO]
[INFO] >>> nondex-maven-plugin:2.1.7:nondex (default-cli) > test-compile @ common-
util >>>
[INFO]
```

[INFO] --- maven-enforcer-plugin:3.1.0:enforce (enforce-banned-dependencies) @ common-util ---
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:resources (default-resources) @ common-util ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory /home/muktaj2/Gaffer/core/common-util/src/main/resources
[INFO]
[INFO] --- flatten-maven-plugin:1.5.0:flatten (flatten) @ common-util ---
[INFO] Generating flattened POM of project uk.gov.gchq.gaffer:common-util:jar:2.3.1-SNAPSHOT...
[INFO]
[INFO] --- maven-compiler-plugin:3.9.0:compile (default-compile) @ common-util ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 54 source files to /home/muktaj2/Gaffer/core/common-util/target/classes
[WARNING] [options] bootstrap class path not set in conjunction with -source 8
[INFO]
[INFO] --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ common-util ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] Copying 2 resources
[INFO]
[INFO] --- maven-compiler-plugin:3.9.0:testCompile (default-testCompile) @ common-util ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 34 source files to /home/muktaj2/Gaffer/core/common-util/target/test-classes
[WARNING] [options] bootstrap class path not set in conjunction with -source 8
[WARNING] /home/muktaj2/Gaffer/core/common-util/src/test/java/uk/gov/gchq/gaffer/commonutil/CollectionUtilTest.java:[160,70] non-varargs call of varargs method with inexact argument type for last parameter;
 cast to Object for a varargs call
 cast to Object[] for a non-varargs call and to suppress this warning
[WARNING] /home/muktaj2/Gaffer/core/common-util/src/test/java/uk/gov/gchq/gaffer/commonutil/CollectionUtilTest.java:[194,69] non-varargs call of varargs method with inexact argument type for last parameter;
 cast to Object for a varargs call
 cast to Object[] for a non-varargs call and to suppress this warning
[WARNING] /home/muktaj2/Gaffer/core/common-util/src/test/java/uk/gov/gchq/gaffer/commonutil/CollectionUtilTest.java:[228,63] non-varargs call of varargs method with inexact argument type for last parameter;
 cast to Object for a varargs call
 cast to Object[] for a non-varargs call and to suppress this warning

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[INFO]
[INFO] <<< nondex-maven-plugin:2.1.7:nondex (default-cli) < test-compile @ common-
util <<<
[INFO]
[INFO]
[INFO] --- nondex-maven-plugin:2.1.7:nondex (default-cli) @ common-util ---
INFO: The original argline is:
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=933178
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/common-util/.nondex
nondexJarDir=.nondex
nondexExecid=clean_3ir7gFojLAYIXAEv2KpulV7ekyBpKCMBfgiKVcHa9A=
nondexLogging=CONFIG
test=
[INFO] Using auto detected provider
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.158 s -- in
uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.051 s -- in
uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.StreamsTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.592 s -- in
uk.gov.gchq.gaffer.commonutil.stream.StreamsTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.JsonUtilTest
[INFO] Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.396 s -- in
uk.gov.gchq.gaffer.commonutil.JsonUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.LongUtilTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.026 s -- in
uk.gov.gchq.gaffer.commonutil.LongUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.StreamUtilTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.011 s -- in
uk.gov.gchq.gaffer.commonutil.StreamUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.CollectionUtilTest
[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.075 s -- in
uk.gov.gchq.gaffer.commonutil.CollectionUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest
```

[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.048 s -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest
[INFO] Tests run: 32, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.093 s -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest
[INFO] Tests run: 8, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.017 s -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Tests run: 13, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.022 s -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.006 s -- in uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.028 s -- in uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.012 s -- in uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.059 s -- in uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.012 s -- in uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Tests run: 12, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.403 s -- in uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.073 s -- in uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.124 s -- in uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.062 s -- in uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.046 s -- in uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 3.006 s -- in

uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.002 s -- in uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Tests run: 8, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.016 s -- in uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.CloseableUtilTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.039 s -- in uk.gov.gchq.gaffer.commonutil.CloseableUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.003 s -- in uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.042 s -- in uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.002 s -- in uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Tests run: 14, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.033 s -- in uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO] Tests run: 20, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.041 s -- in uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 214, Failures: 0, Errors: 0, Skipped: 0
[INFO]
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=933178
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/common-util/.nondex
nondexJarDir=/home/muktaj2/Gaffer/core/common-util/.nondex
nondexExecid=jreGLAc+OprMokyIRCQPLmXTSxV00euqE7N08nQN3k=
nondexLogging=CONFIG
test=
[INFO] Using auto detected provider
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider
[INFO]
[INFO] -----

[INFO] T E S T S

[INFO] -----

[INFO] Running uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest

[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.122 s -- in uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.026 s -- in uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.StreamsTest

[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.518 s -- in uk.gov.gchq.gaffer.commonutil.stream.StreamsTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.JsonUtilTest

[INFO] Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.380 s -- in uk.gov.gchq.gaffer.commonutil.JsonUtilTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.LongUtilTest

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.016 s -- in uk.gov.gchq.gaffer.commonutil.LongUtilTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.StreamUtilTest

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.009 s -- in uk.gov.gchq.gaffer.commonutil.StreamUtilTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.CollectionUtilTest

[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.059 s -- in uk.gov.gchq.gaffer.commonutil.CollectionUtilTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest

[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.068 s -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest

[INFO] Running

uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest

[INFO] Tests run: 32, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.387 s -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest

[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest

[ERROR] Tests run: 8, Failures: 1, Errors: 0, Skipped: 0, Time elapsed: 0.034 s <<< FAILURE! -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest

[ERROR]

uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest.testToString -- Time elapsed: 0.007 s <<< FAILURE!

org.opentest4j.AssertionFailedError:

Expecting actual's toString() to return:

"a,hijklmno,abcdefg"

but was:

"abcdefg,a,hijklmno"

at java.base/

jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)

at java.base/

jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:77)

```
    at java.base/
jdk.internal.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)
    at java.base/
java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:500)
    at
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest.testToString(AuthorisationsTest.java:117)
    at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(NativeMethod)
    at java.base/
jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
    at java.base/
jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.base/java.lang.reflect.Method.invoke(Method.java:569)
    at
org.junit.platform.commons.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:727)
    at
org.junit.jupiter.engine.execution.MethodInvocation.proceed(MethodInvocation.java:60)
    at
org.junit.jupiter.engine.execution.InvocationInterceptorChain$ValidatingInvocation.proceed(InvocationInterceptorChain.java:131)
    at
org.junit.jupiter.engine.extension.TimeoutExtension.intercept(TimeoutExtension.java:156)
    at
org.junit.jupiter.engine.extension.TimeoutExtension.interceptTestableMethod(TimeoutExtension.java:147)
    at
org.junit.jupiter.engine.extension.TimeoutExtension.interceptTestMethod(TimeoutExtension.java:86)
    at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker$ReflectiveInterceptorCall.lambda$ofVoidMethod$0(InterceptingExecutableInvoker.java:103)
    at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.lambda$invoke$0(InterceptingExecutableInvoker.java:93)
    at
org.junit.jupiter.engine.execution.InvocationInterceptorChain$InterceptedInvocation.proceed(InvocationInterceptorChain.java:106)
    at
org.junit.jupiter.engine.execution.InvocationInterceptorChain.proceed(InvocationInterceptorChain.java:64)
    at
org.junit.jupiter.engine.execution.InvocationInterceptorChain.chainAndInvoke(Invocation
```

```
InterceptorChain.java:45)
    at
org.junit.jupiter.engine.execution.InvocationInterceptorChain.invoke(InvocationIntercept
orChain.java:37)
    at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.invoke(InterceptingExec
utableInvoker.java:92)
    at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.invoke(InterceptingExec
utableInvoker.java:86)
    at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda$invokeTestMethod$
7(TestMethodTestDescriptor.java:217)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCol
lector.java:73)
    at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.invokeTestMethod(TestMethod
TestDescriptor.java:213)
    at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.execute(TestMethodTestDe
scriptor.java:138)
    at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.execute(TestMethodTestDe
scriptor.java:68)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursivel
y$6(NodeTestTask.java:151)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCol
lector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursivel
y$8(NodeTestTask.java:141)
    at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursivel
y$9(NodeTestTask.java:139)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCol
lector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeT
estTask.java:138)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java
:95)
```

```
    at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
    at
org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:41)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$6(NodeTestTask.java:155)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:141)
        at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$9(NodeTestTask.java:139)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:138)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:95)
        at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
    at
org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:41)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$6(NodeTestTask.java:155)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:141)
        at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$9(NodeTestTask.java:139)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
```

```
org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:138)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:95)
    at
org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.submit(SameThreadHierarchicalTestExecutorService.java:35)
    at
org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(HierarchicalTestExecutor.java:57)
    at
org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:54)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:147)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:127)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:90)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.lambda$execute$0(EngineExecutionOrchestrator.java:55)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.withInterceptedStreams(EngineExecutionOrchestrator.java:102)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:54)
    at
org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:114)
    at
org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:86)
    at
org.junit.platform.launcher.core.DefaultLauncherSession$DelegatingLauncher.execute(DefaultLauncherSession.java:86)
    at
org.apache.maven.surefire.junitplatform.LazyLauncher.execute(LazyLauncher.java:56)
    at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.execute(JUnitPlatformProvider.java:184)
    at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:148)
```

```
    at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformPro
vider.java:122)
    at
org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:
385)
    at
org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:162)
    at org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:507)
    at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:495)
```

[INFO] Running

```
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Tests run: 13, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.051 s -- in
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.014 s -- in
uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.030 s -- in
uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.037 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.065 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.051 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Running
uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Tests run: 12, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.225 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.045 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.089 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.061 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Running
uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.070 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
```

[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 3.019 s -- in uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.003 s -- in uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Tests run: 8, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.033 s -- in uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.CloseableUtilTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.063 s -- in uk.gov.gchq.gaffer.commonutil.CloseableUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.015 s -- in uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.007 s -- in uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.008 s -- in uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Tests run: 14, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.065 s -- in uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO] Tests run: 20, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.049 s -- in uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR] AuthorisationsTest.testToString:117
Expecting actual's toString() to return:
"a,hijklmno,abcdefg"
but was:
"abcdefg,a,hijklmno"
[INFO]
[ERROR] Tests run: 214, Failures: 1, Errors: 0, Skipped: 0
[INFO]
INFO: Surefire failed when running tests for
jreGLAc+OprMokyIRCQPLmXTSxV00euqE7N08nQN3k=
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=974622
nondexStart=0

nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/common-util/.nondex
nondexJarDir=/home/muktaj2/Gaffer/core/common-util/.nondex
nondexExecid=7WpOMPvVVmEyswBgdMrYivP2xfMThmYcMQqVnSN0TqM=
nondexLogging=CONFIG
test=
[INFO] Using auto detected provider
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.118 s -- in
uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.028 s -- in
uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.StreamsTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.564 s -- in
uk.gov.gchq.gaffer.commonutil.stream.StreamsTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.JsonUtilTest
[INFO] Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.401 s -- in
uk.gov.gchq.gaffer.commonutil.JsonUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.LongUtilTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.027 s -- in
uk.gov.gchq.gaffer.commonutil.LongUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.StreamUtilTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.012 s -- in
uk.gov.gchq.gaffer.commonutil.StreamUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.CollectionUtilTest
[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.055 s -- in
uk.gov.gchq.gaffer.commonutil.CollectionUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest
[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.055 s -- in
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest
[INFO] Running
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest
[INFO] Tests run: 32, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.341 s -- in
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest
[INFO] Tests run: 8, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.043 s -- in
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest
[INFO] Running
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Tests run: 13, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.069 s -- in

uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.013 s -- in uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.047 s -- in uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.050 s -- in uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.040 s -- in uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.048 s -- in uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Tests run: 12, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.230 s -- in uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.041 s -- in uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.062 s -- in uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.049 s -- in uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.089 s -- in uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 3.012 s -- in uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.002 s -- in uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Tests run: 8, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.044 s -- in uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.CloseableUtilTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.084 s -- in uk.gov.gchq.gaffer.commonutil.CloseableUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.009 s -- in

uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.007 s -- in uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.006 s -- in uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Tests run: 14, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.121 s -- in uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO] Tests run: 20, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.051 s -- in uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 214, Failures: 0, Errors: 0, Skipped: 0
[INFO]
INFO: Adding excluded groups to newly created one
INFO: Adding NonDex argLine to existing argLine specified by the project
CONFIG: nondexFilter=.*
nondexMode=FULL
nondexSeed=1016066
nondexStart=0
nondexEnd=9223372036854775807
nondexPrintstack=false
nondexDir=/home/muktaj2/Gaffer/core/common-util/.nondex
nondexJarDir=/home/muktaj2/Gaffer/core/common-util/.nondex
nondexExecid=dPOAo+ZzHR4lckUC+iJcQumnz4ja0qoXz68kACT3peg=
nondexLogging=CONFIG
test=
[INFO] Using auto detected provider
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.144 s -- in uk.gov.gchq.gaffer.commonutil.PropertiesUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.035 s -- in uk.gov.gchq.gaffer.commonutil.stream.GafferCollectorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.stream.StreamsTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.572 s -- in uk.gov.gchq.gaffer.commonutil.stream.StreamsTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.JsonUtilTest

```
[INFO] Tests run: 7, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.459 s -- in
uk.gov.gchq.gaffer.commonutil.JsonUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.LongUtilTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.016 s -- in
uk.gov.gchq.gaffer.commonutil.LongUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.StreamUtilTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.009 s -- in
uk.gov.gchq.gaffer.commonutil.StreamUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.CollectionUtilTest
[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.056 s -- in
uk.gov.gchq.gaffer.commonutil.CollectionUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest
[INFO] Tests run: 18, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.048 s -- in
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ElementVisibilityTest
[INFO] Running
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest
[INFO] Tests run: 32, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.273 s -- in
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.VisibilityEvaluatorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest
[ERROR] Tests run: 8, Failures: 1, Errors: 0, Skipped: 0, Time elapsed: 0.030 s <<<
FAILURE! -- in uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest
[ERROR]
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest.testToString --
Time elapsed: 0.007 s <<< FAILURE!
org.opentest4j.AssertionFailedError:
```

Expecting actual's toString() to return:

```
"a,hijklmno,abcdefg"
```

but was:

```
"hijklmno,a,abcdefg"
```

```
at java.base/
```

```
jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
```

```
at java.base/
```

```
jdk.internal.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAcce
ssorImpl.java:77)
```

```
at java.base/
```

```
jdk.internal.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstru
ctorAccessorImpl.java:45)
```

```
at java.base/
```

```
java.lang.reflect.Constructor.newInstanceWithCaller(Constructor.java:500)
```

```
at
```

```
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest.testToString(Autho
risationsTest.java:117)
```

```
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native
Method)
```

```
at java.base/
```

```
jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:7
```

7)
at java.base/
jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:569)
at
org.junit.platform.commons.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:727)
at
org.junit.jupiter.engine.execution.MethodInvocation.proceed(MethodInvocation.java:60)
at
org.junit.jupiter.engine.execution.InvocationInterceptorChain\$ValidatingInvocation.proceed(InvocationInterceptorChain.java:131)
at
org.junit.jupiter.engine.extension.TimeoutExtension.intercept(TimeoutExtension.java:156)
at
org.junit.jupiter.engine.extension.TimeoutExtension.interceptTestableMethod(TimeoutExtension.java:147)
at
org.junit.jupiter.engine.extension.TimeoutExtension.interceptTestMethod(TimeoutExtension.java:86)
at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker\$ReflectiveInterceptorCall.lambda\$ofVoidMethod\$0(InterceptingExecutableInvoker.java:103)
at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.lambda\$invoke\$0(InterceptingExecutableInvoker.java:93)
at
org.junit.jupiter.engine.execution.InvocationInterceptorChain\$InterceptedInvocation.proceed(InvocationInterceptorChain.java:106)
at
org.junit.jupiter.engine.execution.InvocationInterceptorChain.proceed(InvocationInterceptorChain.java:64)
at
org.junit.jupiter.engine.execution.InvocationInterceptorChain.chainAndInvoke(InvocationInterceptorChain.java:45)
at
org.junit.jupiter.engine.execution.InvocationInterceptorChain.invoke(InvocationInterceptorChain.java:37)
at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.invoke(InterceptingExecutableInvoker.java:92)
at
org.junit.jupiter.engine.execution.InterceptingExecutableInvoker.invoke(InterceptingExecutableInvoker.java:86)
at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.lambda\$invokeTestMethod\$

```
7(TestMethodTestDescriptor.java:217)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.invokeTestMethod(TestMethodTestDescriptor.java:213)
    at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.execute(TestMethodTestDescriptor.java:138)
    at
org.junit.jupiter.engine.descriptor.TestMethodTestDescriptor.execute(TestMethodTestDescriptor.java:68)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$6(NodeTestTask.java:151)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$8(NodeTestTask.java:141)
        at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$9(NodeTestTask.java:139)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeTestTask.java:138)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java:95)
        at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
    at
org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorService.invokeAll(SameThreadHierarchicalTestExecutorService.java:41)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively$6(NodeTestTask.java:155)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCollector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursively
```

```
y$8(NodeTestTask.java:141)
    at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursivel
y$9(NodeTestTask.java:139)
    at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCol
lector.java:73)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeT
estTask.java:138)
    at
org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java
:95)
        at java.base/java.util.ArrayList.forEach(ArrayList.java:1511)
        at
org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorServ
ice.invokeAll(SameThreadHierarchicalTestExecutorService.java:41)
        at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursivel
y$6(NodeTestTask.java:155)
        at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCol
lector.java:73)
        at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursivel
y$8(NodeTestTask.java:141)
            at org.junit.platform.engine.support.hierarchical.Node.around(Node.java:137)
            at
org.junit.platform.engine.support.hierarchical.NodeTestTask.lambda$executeRecursivel
y$9(NodeTestTask.java:139)
                at
org.junit.platform.engine.support.hierarchical.ThrowableCollector.execute(ThrowableCol
lector.java:73)
                at
org.junit.platform.engine.support.hierarchical.NodeTestTask.executeRecursively(NodeT
estTask.java:138)
                at
org.junit.platform.engine.support.hierarchical.NodeTestTask.execute(NodeTestTask.java
:95)
                    at
org.junit.platform.engine.support.hierarchical.SameThreadHierarchicalTestExecutorServ
ice.submit(SameThreadHierarchicalTestExecutorService.java:35)
                    at
org.junit.platform.engine.support.hierarchical.HierarchicalTestExecutor.execute(Hierarch
icalTestExecutor.java:57)
                        at
```

```
org.junit.platform.engine.support.hierarchical.HierarchicalTestEngine.execute(HierarchicalTestEngine.java:54)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:147)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:127)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:90)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.lambda$execute$0(EngineExecutionOrchestrator.java:55)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.withInterceptedStreams(EngineExecutionOrchestrator.java:102)
    at
org.junit.platform.launcher.core.EngineExecutionOrchestrator.execute(EngineExecutionOrchestrator.java:54)
    at
org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:114)
    at
org.junit.platform.launcher.core.DefaultLauncher.execute(DefaultLauncher.java:86)
    at
org.junit.platform.launcher.core.DefaultLauncherSession$DelegatingLauncher.execute(DefaultLauncherSession.java:86)
    at
org.apache.maven.surefire.junitplatform.LazyLauncher.execute(LazyLauncher.java:56)
    at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.execute(JUnitPlatformProvider.java:184)
    at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invokeAllTests(JUnitPlatformProvider.java:148)
    at
org.apache.maven.surefire.junitplatform.JUnitPlatformProvider.invoke(JUnitPlatformProvider.java:122)
    at
org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:385)
    at
org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:162)
    at org.apache.maven.surefire.booter.ForkedBooter.run(ForkedBooter.java:507)
    at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:495)
```

[INFO] Running

uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Tests run: 13, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.037 s -- in
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.ArrayByteSequenceTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.006 s -- in
uk.gov.gchq.gaffer.commonutil.FieldUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.024 s -- in
uk.gov.gchq.gaffer.commonutil.pair.PairTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.034 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.RepeatItemIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.040 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.SuppliedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.045 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.AlwaysValidTrueTest
[INFO] Running
uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Tests run: 12, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 1.013 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.LimitedInMemorySortedIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.086 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.CachingIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.053 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.StreamIteratorTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.044 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.StreamIterableTest
[INFO] Running
uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
[INFO] Tests run: 6, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.060 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.TransformOneToManyIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 3.014 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.ConsumableBlockingQueueTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.003 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.EmptyIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Tests run: 8, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.062 s -- in
uk.gov.gchq.gaffer.commonutil.iterable.TransformIterableTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.CloseableUtilTest
[INFO] Tests run: 5, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.050 s -- in
uk.gov.gchq.gaffer.commonutil.CloseableUtilTest

```
[INFO] Running uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Tests run: 4, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.015 s -- in
uk.gov.gchq.gaffer.commonutil.ByteBufferUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.006 s -- in
uk.gov.gchq.gaffer.commonutil.ToStringBuilderTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.004 s -- in
uk.gov.gchq.gaffer.commonutil.GroupUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Tests run: 14, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.062 s -- in
uk.gov.gchq.gaffer.commonutil.StringUtilTest
[INFO] Running uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO] Tests run: 20, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.050 s -- in
uk.gov.gchq.gaffer.commonutil.OneOrMoreTest
[INFO]
[INFO] Results:
[INFO]
[ERROR] Failures:
[ERROR] AuthorisationsTest.testToString:117
Expecting actual's toString() to return:
    "a,hijklmno,abcdefg"
but was:
    "hijklmno,a,abcdefg"
[INFO]
[ERROR] Tests run: 214, Failures: 1, Errors: 0, Skipped: 0
[INFO]
INFO: Surefire failed when running tests for
dPOAo+ZzHR4lckUC+iJcQumnz4ja0qoXz68kACt3peg=
[INFO] NonDex SUMMARY:
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=933178 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/core/common-
util/.nondex" -DnondexJarDir="/home/muktaj2/Gaffer/core/common-util/.nondex"
-DnondexExecid=jreGLAc+OprMokyIRCQPLmXTSxV00euqE7N08nQN3k=
-DnondexLogging=CONFIG
[WARNING]
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest#testToString
[INFO] *****
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=974622 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/core/common-
util/.nondex" -DnondexJarDir="/home/muktaj2/Gaffer/core/common-util/.nondex"
-DnondexExecid=7WpOMPvVVmEyswBgdMrYivP2xfMThmYcMQqVnSN0TqM=
-DnondexLogging=CONFIG
```

```

[INFO] No Test Failed with this configuration.
[INFO] *****
[INFO] *****
[INFO] mvn nondex:nondex -DnondexFilter='.*' -DnondexMode=FULL
-DnondexSeed=1016066 -DnondexStart=0 -DnondexEnd=9223372036854775807
-DnondexPrintstack=false -DnondexDir="/home/muktaj2/Gaffer/core/common-
util/.nondex" -DnondexJarDir="/home/muktaj2/Gaffer/core/common-util/.nondex"
-DnondexExecid=dPOAo+ZzHR4lckUC+iJcQumnz4ja0qoXz68kACt3peg=
-DnondexLogging=CONFIG
[WARNING]
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest#testToString
[INFO] *****
[INFO] All tests pass without NonDex shuffling
[INFO] #####
[INFO] Across all seeds:
[INFO]
uk.gov.gchq.gaffer.commonutil.elementvisibilityutil.AuthorisationsTest#testToString
[INFO] Test results can be found at:
[INFO] file:///home/muktaj2/Gaffer/core/common-util/.nondex/
jreGLAc+OprMokyIRCQPLmXTSxV00euqE7N08nQN3k=/test_results.html
[INFO] [NonDex] The id of this run is:
jreGLAc+OprMokyIRCQPLmXTSxV00euqE7N08nQN3k=
[INFO] -----
[INFO] Reactor Summary for uk.gov.gchq.gaffer:gaffer2 2.3.1-SNAPSHOT:
[INFO]
[INFO] uk.gov.gchq.gaffer:gaffer2 ..... SUCCESS [ 1.332 s]
[INFO] core ..... SUCCESS [ 0.130 s]
[INFO] common-util ..... FAILURE [ 40.024 s]
[INFO] exception ..... SKIPPED
[INFO] serialisation ..... SKIPPED
[INFO] type ..... SKIPPED
[INFO] access ..... SKIPPED
[INFO] data ..... SKIPPED
[INFO] cache ..... SKIPPED
[INFO] operation ..... SKIPPED
[INFO] library ..... SKIPPED
[INFO] cache-library ..... SKIPPED
[INFO] jcs-cache-service ..... SKIPPED
[INFO] store ..... SKIPPED
[INFO] graph ..... SKIPPED
[INFO] integration-test ..... SKIPPED
[INFO] sketches-library ..... SKIPPED
[INFO] hdfs-library ..... SKIPPED
[INFO] spark ..... SKIPPED
[INFO] spark-library ..... SKIPPED
[INFO] store-implementation ..... SKIPPED
[INFO] map-store ..... SKIPPED

```

```
[INFO] accumulo-store ..... SKIPPED
[INFO] spark-accumulo-library ..... SKIPPED
[INFO] bitmap-library ..... SKIPPED
[INFO] hazelcast-cache-service ..... SKIPPED
[INFO] flink-library ..... SKIPPED
[INFO] time-library ..... SKIPPED
[INFO] rest-api ..... SKIPPED
[INFO] common-rest ..... SKIPPED
[INFO] core-rest ..... SKIPPED
[INFO] proxy-store ..... SKIPPED
[INFO] federated-store ..... SKIPPED
[INFO] tinkerpop ..... SKIPPED
[INFO] simple-federated-store ..... SKIPPED
[INFO] accumulo-rest ..... SKIPPED
[INFO] map-rest ..... SKIPPED
[INFO] spring-rest ..... SKIPPED
[INFO] example ..... SKIPPED
[INFO] road-traffic ..... SKIPPED
[INFO] road-traffic-model ..... SKIPPED
[INFO] road-traffic-generators ..... SKIPPED
[INFO] road-traffic-rest ..... SKIPPED
[INFO] road-traffic-demo ..... SKIPPED
[INFO] basic ..... SKIPPED
[INFO] basic-model ..... SKIPPED
[INFO] basic-rest ..... SKIPPED
[INFO] federated-demo ..... SKIPPED
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 42.187 s
[INFO] Finished at: 2024-09-05T17:55:04-05:00
[INFO] -----
[ERROR] Failed to execute goal edu.illinois:nondex-maven-plugin:2.1.7:nondex
(default-cli) on project common-util: Unable to execute mojo: There are test failures.
[ERROR]
[ERROR] Please refer to /home/muktaj2/Gaffer/core/common-util/.nondex/
jreGLAc+OprMokyIRCQPLmXTSxV00euqE7N08nQN3k= for the individual test results.
[ERROR] Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump
and [date].dumpstream.
[ERROR] -> [Help 1]
[ERROR]
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR]
[ERROR] For more information about the errors and possible solutions, please read the
following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/
```

MojoExecutionException

[ERROR]

[ERROR] After correcting the problems, you can resume the build with the command

[ERROR] mvn <args> -rf :common-util