org.objenesis:objenesis (14698)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

com.google.guava:guava (11925)

org.jboss.modules:jboss−modules (7006)
Monitor
org/jboss/modules/ConcurrentClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
monitorEnter
monitorExit
Methods

org.codehaus.groovy:groovy−all (6170)
Get
Offset
Put
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
call sites
2.0
1.5
1.0
0.5
0.0
getInt
getObject
objectFieldOffset
putInt
putObject
Methods

org.scala−lang:scala−library (4717)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

org.springframework:spring−core (3674)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

com.github.jnr:jffi (3398)
Get
Off-Heap
Put
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

com.hazelcast:hazelcast−all (3379)
Alloc
Array
Get
Off−Heap
Offset
Put
Put Volatile
NA
com/hazelcast/hibernate/serialization/Hibernate3CacheEntrySerializer
com/hazelcast/hibernate/serialization/Hibernate3CacheKeySerializer
com/hazelcast/nio/UTFEncoderDecoder$UnsafeBasedCharArrayUtfWriter
com/hazelcast/nio/UnsafeHelper
com/hazelcast/nio/serialization/UnsafeObjectDataInput
com/hazelcast/nio/serialization/UnsafeObjectDataOutput
com/hazelcast/util/HashUtil
call sites
0
10
20
30
allocateInstance
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putChar
putDouble
putFloat
putInt
putLong
putShort
putIntVolatile
putObjectVolatile
getUnsafe
Methods

com.oracle:truffle (3379)
Alloc
Get
Offset
Put
NA
com/oracle/truffle/api/CompilerDirectives
com/oracle/truffle/api/nodes/NodeUtil
com/oracle/truffle/api/nodes/NodeUtil$1
com/oracle/truffle/api/nodes/NodeUtil$NodeClass$NodeIterator
com/oracle/truffle/api/nodes/NodeUtil$NodeField
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer$FixedSizeNodeStack
com/oracle/truffle/api/nodes/serial/PostOrderSerializer
call sites
0
5
10
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

com.headius:openjdk−truffle (3378)

com.headius:unsafe−mock (3378)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
NA
sun/misc/Unsafe
call sites
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
copyMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
<init>
registerNatives
Methods

org.jruby:jruby−core (3377)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put Lazy
Put Volatile
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/SipHashInline$LongReader$UnsafeLongReader
org/jruby/util/StringSupport
org/jruby/util/unsafe/UnsafeHolder
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
getLong
getObject
getObjectVolatile
copyMemory
objectFieldOffset
putOrderedObject
putObjectVolatile
Methods

net.sf.ehcache:ehcache (2971)
Array
Offset
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

io.netty:netty−all (2492)

com.caucho:hessian (2410)
Alloc
Get
Offset
Put
com/caucho/hessian/io/UnsafeDeserializer
com/caucho/hessian/io/UnsafeDeserializer$BooleanFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ByteFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$CharFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$DoubleFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$FloatFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$IntFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$LongFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ObjectFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ShortFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlDateFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimeFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimestampFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$StringFieldDeserializer
com/caucho/hessian/io/UnsafeSerializer$BooleanFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ByteFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$CharFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DateFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DoubleFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$FloatFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$IntFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$LongFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ObjectFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ShortFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$StringFieldSerializer
call sites
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

io.netty:netty (1842)

com.thoughtworks.xstream:xstream (1651)

net.sf.ehcache:ehcache−core (1362)
Array
Offset
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

org.jboss.spec:jboss−javaee−all−7.0 (1121)
Get
Offset
Put
Throw
org/jboss/sun/corba/Bridge
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
throwException
Methods

com.lmax:disruptor (1075)
Array
CAS
Get
Get Volatile
Offset
Put Lazy
Put Volatile
com/lmax/disruptor/MultiProducerSequencer
com/lmax/disruptor/RingBufferFields
com/lmax/disruptor/Sequence
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getObject
getIntVolatile
objectFieldOffset
putOrderedInt
putOrderedLong
putLongVolatile
Methods

org.glassfish.grizzly:grizzly–framework (807)
CAS
Offset
Put
NA
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

org.mockito:mockito−all (767)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

com.google.gwt:gwt−dev (568)

com.googlecode.concurrentlinkedhashmap:concurrentlinkedhashmap−lru (480)

com.codahale.metrics:metrics−core (479)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.codehaus.groovy:groovy−eclipse−batch (457)

org.apache.avro:avro (428)
Get
Offset
Put
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeBooleanField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeByteField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCachedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCharField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCustomEncodedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeDoubleField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeFloatField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeIntField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeLongField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeObjectField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeShortField
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.cenqua.clover:clover (384)

org.apache.hadoop:hadoop−common (338)
Array
Get
Off−Heap
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
pageSize
Methods

org.apache.hadoop:hadoop−hdfs (270)
CAS
Get Volatile
Put Volatile
org/apache/hadoop/hdfs/shortcircuit/ShortCircuitShm$Slot
call sites
0
2
4
6
compareAndSwapLong
getLongVolatile
putLongVolatile
Methods

org.jruby:jruby−complete (264)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
com/oracle/truffle/api/CompilerDirectives
com/oracle/truffle/api/nodes/NodeUtil
com/oracle/truffle/api/nodes/NodeUtil$1
com/oracle/truffle/api/nodes/NodeUtil$NodeClass$NodeIterator
com/oracle/truffle/api/nodes/NodeUtil$NodeField
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer
com/oracle/truffle/api/nodes/serial/PostOrderDeserializer$FixedSizeNodeStack
com/oracle/truffle/api/nodes/serial/PostOrderSerializer
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/SipHashInline$LongReader$UnsafeLongReader
org/jruby/util/StringSupport
org/jruby/util/unsafe/UnsafeHolder
call sites
10
5
0
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.glassfish.jersey.bundles.repackaged:jersey−guava (260)

org.glassfish.jersey.core:jersey−common (259)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

net.jpountz.lz4:lz4 (256)
Array
Get
Put
net/jpountz/util/UnsafeUtils
call sites
3
2
1
0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
putByte
putInt
putLong
putShort
Methods

com.esotericsoftware.kryo:kryo (233)

com.google.gwt:gwt−servlet (226)

org.neo4j:neo4j−primitive−collections (225)
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
NA
org/neo4j/collection/primitive/hopscotch/IntKeyUnsafeTable
org/neo4j/collection/primitive/hopscotch/LongKeyLongValueUnsafeTable
org/neo4j/collection/primitive/hopscotch/LongKeyUnsafeTable
org/neo4j/collection/primitive/hopscotch/UnsafeTable
org/neo4j/jsr166e/StampedLock
call sites
0
5
10
15
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getInt
getLong
getLongVolatile
allocateMemory
freeMemory
setMemory
objectFieldOffset
park
unpark
putInt
putLong
putObject
getUnsafe
Methods

org.neo4j:neo4j−io (223)
Alloc
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Volatile
NA
org/neo4j/io/pagecache/impl/muninn/UnsafeUtil
org/neo4j/io/pagecache/impl/muninn/UnsafeUtil$1
call sites
0
1
2
3
4
5
allocateInstance
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
allocateMemory
freeMemory
setMemory
objectFieldOffset
putByte
putInt
putLong
putShort
putByteVolatile
putObjectVolatile
getUnsafe
Methods

org.neo4j:neo4j−kernel (222)
Get
Off−Heap
Put
org/neo4j/unsafe/impl/batchimport/cache/OffHeapIntArray
org/neo4j/unsafe/impl/batchimport/cache/OffHeapLongArray
org/neo4j/unsafe/impl/batchimport/cache/OffHeapNumberArray
call sites
0
1
2
3
4
getInt
getLong
allocateMemory
freeMemory
setMemory
putInt
putLong
Methods

com.typesafe.akka:akka−actor_2.10 (209)

xstream:xstream (199)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.apache.camel:camel−core (196)
Array
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
NA
org/apache/camel/com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8
org/apache/camel/com/googlecode/concurrentlinkedhashmap/ConcurrentHashMapV8$TreeBin
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putOrderedInt
putObjectVolatile
getUnsafe
Methods

org.elasticsearch:elasticsearch (189)
Array
CAS
Class
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/mvel2/util/JITClassLoader
org/elasticsearch/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8$Node
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/elasticsearch/common/util/concurrent/jsr166e/extra/AtomicDouble
org/elasticsearch/common/util/concurrent/jsr166e/extra/AtomicDoubleArray
org/elasticsearch/common/util/concurrent/jsr166y/ConcurrentLinkedDeque
org/elasticsearch/common/util/concurrent/jsr166y/ConcurrentLinkedDeque$Node
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinPool
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinTask
org/elasticsearch/common/util/concurrent/jsr166y/ForkJoinWorkerThread
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue$Node
org/elasticsearch/common/util/concurrent/jsr166y/Phaser
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
defineClass
getLong
getLongVolatile
getObjectVolatile
objectFieldOffset
unpark
putLong
putObject
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

com.hazelcast:hazelcast (186)
Array
Get
Off−Heap
Offset
Put
NA
com/hazelcast/nio/UTFEncoderDecoder$UnsafeBasedCharArrayUtfWriter
com/hazelcast/nio/UnsafeHelper
com/hazelcast/nio/serialization/UnsafeObjectDataInput
com/hazelcast/nio/serialization/UnsafeObjectDataOutput
com/hazelcast/util/HashUtil
call sites
0
10
20
30
arrayBaseOffset
arrayIndexScale
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putChar
putDouble
putFloat
putInt
putLong
putShort
getUnsafe
Methods

org.iq80.snappy:snappy (178)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

com.typesafe.akka:akka−actor_2.11 (164)

org.jboss.weld.servlet:weld−servlet (162)

org.infinispan:infinispan−commons (156)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/commons/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8$TreeBin
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/commons/util/concurrent/jdk8backported/Striped64
org/infinispan/commons/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.mapdb:mapdb (153)
Array
Get
Off−Heap
Put
org/mapdb/Volume$UnsafeVolume
org/mapdb/Volume$UnsafeVolume$DataInputUnsafe
call sites
0
2
4
6
arrayBaseOffset
getByte
getInt
getLong
allocateMemory
copyMemory
freeMemory
putByte
putInt
putLong
Methods

com.ning:compress−lzf (144)
Array
Get
Put
com/ning/compress/lzf/impl/UnsafeChunkDecoder
com/ning/compress/lzf/impl/UnsafeChunkEncoder
com/ning/compress/lzf/impl/UnsafeChunkEncoderBE
com/ning/compress/lzf/impl/UnsafeChunkEncoderLE
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

io.undertow:undertow–core (139)

io.fastjson:boon (134)

org.glassfish.main.grizzly:nucleus−grizzly−all (126)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

org.codehaus.jsr166–mirror:jsr166y (118)
Array
CAS
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
jsr166y/ForkJoinPool
jsr166y/ForkJoinTask
jsr166y/ForkJoinWorkerThread
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
unpark
putObject
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

com.google.guava:guava−jdk5 (113)

io.reactivex:rxjava (106)

org.weakref:jmxutils (103)
Array
CAS
Get
Offset
NA
org/weakref/jmx/internal/guava/cache/Striped64
org/weakref/jmx/internal/guava/cache/Striped64$Cell
org/weakref/jmx/internal/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.python:jython (95)
Array
CAS
Get
Get Volatile
Off-Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/python/google/common/cache/Striped64
org/python/google/common/cache/Striped64$Cell
org/python/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/python/netty/util/internal/PlatformDependent0
org/python/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
org/python/netty/util/internal/UnsafeAtomicLongFieldUpdater
org/python/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
org/python/netty/util/internal/chmv8/ConcurrentHashMapV8
org/python/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
org/python/netty/util/internal/chmv8/CountedCompleter
org/python/netty/util/internal/chmv8/ForkJoinPool
org/python/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
org/python/netty/util/internal/chmv8/ForkJoinTask
org/python/netty/util/internal/chmv8/Striped64
org/python/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
park
unpark
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

org.apache.servicemix.bundles:org.apache.servicemix.bundles.ehcache (90)

io.dropwizard.metrics:metrics−core (89)

org.apache.servicemix.bundles:org.apache.servicemix.bundles.xstream (88)

com.orientechnologies:orientdb−core (87)
Array
Get
Off−Heap
Put
com/orientechnologies/common/comparator/OUnsafeByteArrayComparator
com/orientechnologies/common/directmemory/OUnsafeMemory
com/orientechnologies/common/directmemory/OUnsafeMemoryJava7
com/orientechnologies/common/serialization/OUnsafeBinaryConverter
call sites
0
10
20
30
arrayBaseOffset
arrayIndexScale
getByte
getChar
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
putByte
putChar
putInt
putLong
putShort
Methods

.google.appengine:appengine−api−1.0−sdk (82)

org.mule.mvel:mule−mvel2 (82)
Class
1.00
0.75
0.50
0.25
0.00
call sites
org/mule/mvel2/util/JITClassLoader
defineClass
Methods

com.boundary:high−scale−lib (79)
Array
CAS
Offset
NA
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
getUnsafe
Methods

com.github.jbellis:jamm (78)
Offset
org/github/jamm/MemoryLayoutSpecification
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
Methods

org.sonatype.nexus.xstream:xstream (76)
Alloc
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
allocateInstance
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.apache.cassandra:cassandra−all (75)
Alloc
Array
Get
Monitor
Off−Heap
Offset
Put
org/apache/cassandra/io/util/Memory
org/apache/cassandra/io/util/NativeAllocator
org/apache/cassandra/utils/FastByteOperations$UnsafeOperations
org/apache/cassandra/utils/concurrent/Locks
org/apache/cassandra/utils/memory/MemoryUtil
org/apache/cassandra/utils/memory/NativeAllocator
call sites
0
10
20
30
allocateInstance
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
monitorEnter
monitorExit
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
putByte
putInt
putLong
putShort
Methods

com.twitter:util–core_2.10 (72)
CAS
Offset
com/twitter/util/Promise
com/twitter/util/Promise$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

io.netty:netty−common (69)

com.netflix.servo:servo−internal (68)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/netflix/servo/jsr166e/ConcurrentHashMapV8
com/netflix/servo/jsr166e/ConcurrentHashMapV8$TreeBin
com/netflix/servo/jsr166e/CountedCompleter
com/netflix/servo/jsr166e/ForkJoinPool
com/netflix/servo/jsr166e/ForkJoinPool$WorkQueue
com/netflix/servo/jsr166e/ForkJoinTask
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.python:jython−standalone (68)

org.apache.tez:tez−runtime−library (67)

com.netflix.rxjava:rxjava–core (63)

com.twitter:util–core_2.9.2 (53)

com.github.stephenc.high−scale−lib:high−scale−lib (49)

com.typesafe.akka:akka−osgi_2.10 (48)

jboss:jboss−serialization (48)
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/jboss/serial/classmetamodel/UnsafeFieldsManager
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.apache.hbase:hbase−common (48)
Array
Get
Put
org/apache/hadoop/hbase/util/Bytes
org/apache/hadoop/hbase/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getInt
getLong
getShort
putInt
putLong
putShort
Methods

org.apache.hive:hive−exec (48)

org.jodd:jodd−core (44)
Get
Offset
Put
jodd/util/UnsafeUtil
call sites
0
1
2
3
getInt
getObject
objectFieldOffset
putInt
putObject
Methods

org.jboss.spec.javax.rmi:jboss−rmi−api_1.0_spec (43)
Get
Offset
Put
Throw
1.00
0.75
0.50
0.25
0.00
call sites
org/jboss/sun/corba/Bridge
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
throwException
Methods

com.twitter:finagle−core_2.10 (40)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/finagle/jsr166y/CountedCompleter
com/twitter/finagle/jsr166y/ForkJoinPool
com/twitter/finagle/jsr166y/ForkJoinPool$WorkQueue
com/twitter/finagle/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.apache.geronimo.bundles:sxc–jaxb (40)
Get
Offset
Put
com/envoisolutions/sxc/jaxb/FieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.twitter:util−core_2.11 (34)
CAS
Offset
com/twitter/util/Promise
com/twitter/util/Promise$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

org.apache.wicket:wicket (31)
Get
Offset
Put
call sites
1.00
0.75
0.50
0.25
0.00
org/apache/wicket/util/io/ClassStreamHandler
org/apache/wicket/util/io/ClassStreamHandler$BooleanFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ByteFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$CharFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$DoubleFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FloatFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$IntFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$LongFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ObjectFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ShortFieldAndIndex
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.hudsonci.tools:xstream (31)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.openjdk.jol:jol−core (31)
Array
Get
Off−Heap
Offset
org/openjdk/jol/info/ClassLayout
org/openjdk/jol/info/FieldData
org/openjdk/jol/layouters/CurrentLayouter
org/openjdk/jol/util/VMSupport
org/openjdk/jol/util/VMSupport$VMOptions
call sites
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
addressSize
objectFieldOffset
staticFieldOffset
Methods

org.apache.directmemory:directmemory−cache (30)

org.spark−project.akka:akka−actor_2.10 (30)

info.cukes:cucumber−jvm−deps (28)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
cucumber/deps/com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.twitter:finagle−core_2.9.2 (27)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/finagle/jsr166y/CountedCompleter
com/twitter/finagle/jsr166y/ForkJoinPool
com/twitter/finagle/jsr166y/ForkJoinPool$WorkQueue
com/twitter/finagle/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

com.vaadin:vaadin (27)

io.spray:spray−util_2.11 (27)

co.cask.common:common−lang (26)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
co/cask/common/lang/InstantiatorFactory$10
allocateInstance
Methods

org.jboss.weld.se:weld−se (26)

edu.internet2.middleware.grouper:grouperClient (24)

nl.jqno.equalsverifier:equalsverifier (24)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
nl/jqno/equalsverifier/internal/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

co.cask.cdap:cdap−common (22)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
co/cask/cdap/common/lang/InstantiatorFactory$10
allocateInstance
Methods

io.airlift:slice (22)

net.logstash.logback:logstash−logback−encoder (22)

com.netflix.hystrix:hystrix−core (21)
CAS
Offset
NA
com/netflix/hystrix/util/Striped64
com/netflix/hystrix/util/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

io.spray:spray−can_2.11 (21)

io.spray:spray−util (21)

com.twitter:finagle−core_2.11 (19)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/finagle/jsr166y/CountedCompleter
com/twitter/finagle/jsr166y/ForkJoinPool
com/twitter/finagle/jsr166y/ForkJoinPool$WorkQueue
com/twitter/finagle/jsr166y/ForkJoinTask
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

net.sourceforge.owlapi:owlapi−api (18)

com.esotericsoftware:kryo (17)
Array
Get
Off−Heap
Offset
Put
call sites
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.googlecode.guava−osgi:guava−osgi (17)

io.spray:spray−util_2.10 (17)

net.sourceforge.owlapi:owlapi−apibinding (17)

eu.stratosphere:stratosphere−core (16)
Array
Get
Put
eu/stratosphere/core/memory/MemorySegment
eu/stratosphere/core/memory/MemoryUtils
eu/stratosphere/types/Record$InternalDeSerializer
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

org.codehaus.groovy:groovy−json (16)
Get
Offset
Put
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
call sites
2.0
1.5
1.0
0.5
0.0
getInt
getObject
objectFieldOffset
putInt
putObject
Methods

com.typesafe.akka:akka−actor_2.10.0−RC1 (15)

com.typesafe.akka:akka−actor_2.10.0−RC2 (15)

com.typesafe.akka:akka−actor_2.10.0−RC3 (15)

com.typesafe.akka:akka−actor_2.10.0−RC5 (15)

net.sourceforge.owlapi:owlapi−impl (15)

org.multiverse:multiverse−core (15)
CAS
Offset
NA
org/multiverse/stms/gamma/transactionalobjects/AbstractGammaObject
org/multiverse/stms/gamma/transactionalobjects/BaseGammaTxnRef
org/multiverse/utils/ToolUnsafe
call sites
12.5
10.0
7.5
5.0
2.5
0.0
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
getUnsafe
Methods

com.typesafe.akka:akka−actor_2.11.0−M3 (14)

eu.stratosphere:stratosphere−runtime (14)
Array
Get
Put
1.00
0.75
0.50
0.25
0.00
call sites
eu/stratosphere/nephele/services/memorymanager/UnsafeMemorySegment
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

io.spray:spray−can (14)

org.codehaus.gpars:gpars (14)
Array
Put Lazy
NA
groovyx/gpars/extra166y/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

org.lwjgl.lwjgl:lwjgl (14)
Get
Offset
1.00
0.75
0.50
0.25
0.00
call sites
org/lwjgl/MemoryUtilSun$AccessorUnsafe
getLong
objectFieldOffset
Methods

n.google.appengine:appengine−api−labs (13)

com.twitter:finagle−thrift_2.9.2 (13)

com.typesafe.akka:akka−actor_2.10.0−M7 (13)

org.lwjgl.lwjgl:lwjgl_util (13)
Get
Get Volatile
Off-Heap
Offset
Put
Put Volatile
org/lwjgl/util/mapped/CacheLineSize
org/lwjgl/util/mapped/MappedHelper
org/lwjgl/util/mapped/MappedObjectTransformer
org/lwjgl/util/mapped/MappedObjectUnsafe
call sites
2.0
1.5
1.0
0.5
0.0
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getShortVolatile
addressSize
copyMemory
getAddress
pageSize
putAddress
objectFieldOffset
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putShortVolatile
Methods

org.wildfly:wildfly−security (13)
CAS
Offset
Put
Put Lazy
call sites
3
2
1
0
org/jboss/as/security/org/jboss/as/security/lru/FastConcurrentDirectDeque
org/jboss/as/security/org/jboss/as/security/lru/FastConcurrentDirectDeque$Node
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
Methods

io.spray:spray−can_2.10 (12)

com.twitter:finagle−thrift_2.10 (11)
Get
Offset
NA
com/twitter/finagle/thrift/Protocols$
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$4
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$5
com/twitter/finagle/thrift/Protocols$TFinagleBinaryProtocol$$anonfun$6
call sites
2.0
1.5
1.0
0.5
0.0
getInt
getObject
objectFieldOffset
getUnsafe
Methods

net.sourceforge.owlapi:owlapi−distribution (11)

org.apache.flink:flink−shaded (11)

com.googlecode.disruptor:disruptor (10)
Array
CAS
Get Volatile
Put Lazy
com/lmax/disruptor/Sequence
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getLongVolatile
putOrderedLong
Methods

com.vaadin.external.google:guava (10)

io.gatling:gatling−core (10)

org.apache.tajo:tajo−common (10)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/apache/tajo/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.spark−project.akka:akka−actor_2.11 (10)

org.unitils:unitils−mock (10)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
thirdparty/org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

io.gatling:jsr166e (9)

org.apache.flink:flink−core (9)
Array
Get
Put
org/apache/flink/core/memory/MemorySegment
org/apache/flink/core/memory/MemoryUtils
org/apache/flink/types/Record$InternalDeSerializer
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

org.apache.servicemix.bundles:org.apache.servicemix.bundles.spring–core (9)

org.glassfish.main.extras:glassfish−embedded−all (9)

com.carrotsearch.randomizedtesting:junit4–ant (8)

com.hazelcast:hazelcast–hibernate3 (8)

om.lexicalscope.fluent−reflection:fluent−reflection (8)

com.netaporter.gatling:gatling−core (8)

com.twitter:jsr166e (8)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/twitter/jsr166e/CountedCompleter
com/twitter/jsr166e/ForkJoinPool
com/twitter/jsr166e/ForkJoinPool$WorkQueue
com/twitter/jsr166e/ForkJoinTask
com/twitter/jsr166e/Striped64
com/twitter/jsr166e/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

edu.berkeley.cs.shark:hive−exec (8)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

net.tribe7.seeds:seeds−primitives (8)

org.robolectric:android−all (8)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
call sites
Methods
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putLong
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
<init>
getArrayBaseOffsetForComponentType
getArrayIndexScaleForComponentType
getUnsafe
java/util/concurrent/ConcurrentHashMap
java/util/concurrent/ConcurrentHashMap$TreeBin
java/util/concurrent/ConcurrentLinkedDeque
java/util/concurrent/ConcurrentLinkedDeque$Node
java/util/concurrent/ConcurrentLinkedQueue
java/util/concurrent/ConcurrentLinkedQueue$Node
java/util/concurrent/ConcurrentSkipListMap
java/util/concurrent/ConcurrentSkipListMap$Index
java/util/concurrent/ConcurrentSkipListMap$Node
java/util/concurrent/ConcurrentSkipListSet
java/util/concurrent/CountedCompleter
java/util/concurrent/Exchanger
java/util/concurrent/ForkJoinPool
java/util/concurrent/ForkJoinPool$WorkQueue
java/util/concurrent/ForkJoinTask
java/util/concurrent/FutureTask
java/util/concurrent/LinkedTransferQueue
java/util/concurrent/LinkedTransferQueue$Node
java/util/concurrent/Phaser
java/util/concurrent/PriorityBlockingQueue
java/util/concurrent/SynchronousQueue
java/util/concurrent/SynchronousQueue$TransferQueue
java/util/concurrent/SynchronousQueue$TransferQueue$QNode
java/util/concurrent/SynchronousQueue$TransferStack
java/util/concurrent/SynchronousQueue$TransferStack$SNode
java/util/concurrent/atomic/AtomicBoolean
java/util/concurrent/atomic/AtomicInteger
java/util/concurrent/atomic/AtomicIntegerArray
java/util/concurrent/atomic/AtomicIntegerFieldUpdater$AtomicIntegerFieldUpdaterImpl
java/util/concurrent/atomic/AtomicLong
java/util/concurrent/atomic/AtomicLongArray
java/util/concurrent/atomic/AtomicLongFieldUpdater$CASUpdater
java/util/concurrent/atomic/AtomicLongFieldUpdater$LockedUpdater
java/util/concurrent/atomic/AtomicMarkableReference
java/util/concurrent/atomic/AtomicReference
java/util/concurrent/atomic/AtomicReferenceArray
java/util/concurrent/atomic/AtomicReferenceFieldUpdater$AtomicReferenceFieldUpdaterImpl
java/util/concurrent/atomic/AtomicStampedReference
java/util/concurrent/locks/AbstractQueuedLongSynchronizer
java/util/concurrent/locks/AbstractQueuedSynchronizer
java/util/concurrent/locks/LockSupport
sun/misc/Unsafe

com.sandinh:spray−util (7)

com.typesafe.akka:akka−actor_2.11.0−RC3 (7)

com.typesafe.akka:akka−actor_2.11.0−RC4 (7)

com.typesafe.play:play−ws_2.10 (7)
Offset
Put
play/api/libs/ws/ssl/MonkeyPatcher$class
call sites
1.00
0.75
0.50
0.25
0.00
staticFieldBase
staticFieldOffset
putObject
Methods

net.vidageek:mirror (7)
Get
Offset
net/vidageek/mirror/provider/experimental/sun15/Sun15ConstructorReflectionProvider
net/vidageek/mirror/provider/experimental/sun15/Sun15FieldReflectionProvider
net/vidageek/mirror/provider/experimental/sun15/Sun15MethodReflectionProvider
call sites
2.0
1.5
1.0
0.5
0.0
getObject
objectFieldOffset
Methods

org.apache.sirona:sirona−core (7)
Get
Off−Heap
Put
org/apache/sirona/store/tracking/InMemoryPathTrackingDataStore
org/apache/sirona/store/tracking/InMemoryPathTrackingDataStore$Pointer
call sites
1.00
0.75
0.50
0.25
0.00
getByte
allocateMemory
freeMemory
putByte
Methods

org.gridgain:gridgain−core (7)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/GridCacheMapEntry
org/gridgain/grid/kernal/processors/cache/GridCacheOffheapSwapEntry
org/gridgain/grid/kernal/processors/cache/GridCacheSwapEntryImpl
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/util/GridHandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

org.immutables:value−standalone (7)

org.modelmapper:modelmapper (7)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/modelmapper/internal/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

org.sonatype.sisu:sisu–guava (7)

com.github.molecule−labs:molecule−core_2.10 (6)

com.github.molecule−labs:molecule−core_2.9.3 (6)

com.sangupta:jerry−core (6)
Array
Get
Off−Heap
Put
com/sangupta/jerry/unsafe/UnsafeMemory
call sites
0
1
2
3
4
arrayBaseOffset
getBoolean
getByte
getInt
getLong
getShort
copyMemory
putBoolean
putByte
putChar
putInt
putLong
putShort
Methods

com.typesafe.akka:akka−actor_2.11.0−RC1 (6)

com.typesafe.play:play−ws_2.11 (6)

org.apache.activemq:activemq−osgi (6)

org.apache.flink:flink−runtime (6)
Array
Get
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/apache/flink/runtime/io/network/serialization/DataInputDeserializer
org/apache/flink/runtime/io/network/serialization/DataOutputSerializer
org/apache/flink/runtime/memorymanager/UnsafeMemorySegment
arrayBaseOffset
getInt
getLong
putInt
putLong
Methods

co.cask.cdap:hive−exec (5)
Array
Get
Off−Heap
Offset
Put
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeInput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeMemoryInput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeMemoryOutput
org/apache/hive/com/esotericsoftware/kryo/io/UnsafeOutput
org/apache/hive/com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
org/apache/hive/com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil
org/apache/hive/com/esotericsoftware/kryo/util/UnsafeUtil$1
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

co.cask.tigon:tigon–common (5)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
co/cask/tigon/lang/InstantiatorFactory$10
allocateInstance
Methods

com.dyuproject.protostuff:protostuff−runtime (5)

com.graphhopper:graphhopper (5)
Get
Off−Heap
Put
com/graphhopper/storage/UnsafeDataAccess
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getInt
getShort
freeMemory
reallocateMemory
setMemory
putByte
putInt
putShort
Methods

com.netflix.iep−shadow:iep−rxjava (5)

de.ruedigermoeller:fst (5)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Volatile
org/nustaq/offheap/bytez/malloc/MallocBytez
org/nustaq/offheap/bytez/malloc/MallocBytezAllocator
org/nustaq/offheap/bytez/onheap/HeapBytez
org/nustaq/offheap/structs/FSTStructAllocator
org/nustaq/offheap/structs/unsafeimpl/FSTStructFactory
org/nustaq/serialization/FSTClazzInfo$FSTFieldInfo
org/nustaq/serialization/FSTDefaultClassInstantiator
org/nustaq/serialization/util/FSTUtil
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getShortVolatile
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putShortVolatile
Methods

net.openhft:lang (5)
Alloc
Array
CAS
Class
Get
Get Volatile
Off−Heap
Put
Put Lazy
Put Volatile
Throw
net/openhft/lang/Jvm
net/openhft/lang/io/ByteBufferBytes
net/openhft/lang/io/ByteBufferReuse$Inner$1
net/openhft/lang/io/CharBufferReuse$Inner$1
net/openhft/lang/io/DirectStore
net/openhft/lang/io/DirectStore$Deallocator
net/openhft/lang/io/NativeBytes
net/openhft/lang/io/serialization/BytesMarshallableSerializer
net/openhft/lang/io/serialization/impl/AllocateInstanceObjectFactory
net/openhft/lang/io/serialization/impl/BytesMarshallableMarshaller
net/openhft/lang/io/serialization/impl/ExternalizableMarshaller
call sites
0
2
4
6
8
allocateInstance
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
defineClass
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
allocateMemory
copyMemory
freeMemory
pageSize
reallocateMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
putOrderedInt
putOrderedLong
putLongVolatile
throwException
Methods

org.apache.geronimo.ext.openejb:openejb−core (5)
Alloc
Class
Offset
Put
org/apache/openejb/util/PojoSerialization
org/apache/openejb/util/proxy/LocalBeanProxyGeneratorImpl
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
defineClass
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.glassfish.extras:glassfish−embedded−all (5)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

org.hbase:asynchbase (5)
CAS
Offset
NA
org/hbase/async/jsr166e/Striped64
org/hbase/async/jsr166e/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.jetbrains.kotlin:kotlin–compiler (5)
Array
CAS
Get Volatile
Offset
Put Volatile
com/intellij/util/concurrency/AtomicFieldUpdater
com/intellij/util/containers/ConcurrentHashMap
com/intellij/util/containers/ConcurrentHashMap$TreeBin
com/intellij/util/containers/ConcurrentIntObjectHashMap
com/intellij/util/containers/ConcurrentIntObjectHashMap$TreeBin
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getObjectVolatile
objectFieldOffset
putObjectVolatile
Methods

org.kitesdk:kite−hadoop−compatibility (5)

org.openjdk.jmh:jmh−core (5)
Offset
1.00
0.75
0.50
0.25
0.00
call sites
org/openjdk/jmh/util/Utils
objectFieldOffset
Methods

ai.h2o:h2o−core (4)
Alloc
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
jsr166y/ConcurrentLinkedDeque
jsr166y/ConcurrentLinkedDeque$Node
jsr166y/CountedCompleter
jsr166y/ForkJoinPool
jsr166y/ForkJoinPool$WorkQueue
jsr166y/ForkJoinTask
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
water/TimeLine
water/Weaver
water/nbhm/ConcurrentAutoTable$CAT
water/nbhm/NonBlockingHashMap
water/nbhm/NonBlockingHashMapLong
water/nbhm/NonBlockingHashMapLong$CHM
water/nbhm/NonBlockingIdentityHashMap
water/nbhm/NonBlockingSetInt
water/nbhm/NonBlockingSetInt$NBSI
water/nbhm/UtilUnsafe
water/util/AtomicUtils$DoubleArray
water/util/AtomicUtils$FloatArray
water/util/AtomicUtils$IntArray
water/util/AtomicUtils$LongArray
water/util/UnsafeUtils
call sites
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
objectFieldOffset
park
unpark
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

co.cask.cdap:cdap−explore−jdbc (4)

om.facebook.presto.hadoop:hadoop−cdh4 (4)

com.facebook.presto.hive:hive−apache (4)

om.google.appengine:appengine−tools−sdk (4)

com.mycila:mycila−guice (4)

com.orientechnologies:orient−commons (4)

com.sun.grizzly:grizzly−utils (4)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.twitter:finagle−thrift_2.11 (4)

jboss:jbossall−client (4)
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/jboss/serial/classmetamodel/UnsafeFieldsManager
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

net.sf.ehcache.internal:ehcache−core (4)
Array
Offset
net/sf/ehcache/pool/sizeof/UnsafeSizeOf
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

org.appdapter:ext.bundle.math.symja_jas (4)

org.cogchar:ext.bundle.opengl.jmonkey (4)
Get
Offset
org/lwjgl/MemoryUtilSun$AccessorUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

org.deephacks.vals:vals (4)
Array
CAS
Fetch & Add
Get
Get Volatile
Off–Heap
Put
Put Lazy
Put Volatile
org/deephacks/vals/DirectBuffer
call sites
0
1
2
3
4
5
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
getAndAddInt
getAndAddLong
getAndSetInt
getAndSetLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
getShortVolatile
copyMemory
setMemory
putBoolean
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedInt
putOrderedLong
putIntVolatile
putLongVolatile
putShortVolatile
Methods

org.jruby.extras:jffi (4)
Get
Off-Heap
Put
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

org.kevoree.modeling.idea:org.kevoree.modeling.idea.dsl (4)

org.kitesdk:kite−data−core (4)

org.scala–lang.virtualized:scala–library (4)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

co.paralleluniverse:quasar−core (3)

com.facebook.hadoop:hadoop−core (3)

com.facebook.hive:hive−dwrf−shims (3)
Array
Get
Put
org/apache/hadoop/hive/ql/io/slice/SizeOf
org/apache/hadoop/hive/ql/io/slice/Slice
call sites
0
5
10
arrayBaseOffset
arrayIndexScale
getByte
getDouble
getFloat
getInt
getLong
getShort
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

com.goldmansachs:gs−collections (3)
Array
CAS
Get Volatile
Offset
Put Volatile
NA
2.0
1.5
1.0
0.5
0.0
call sites
com/gs/collections/impl/map/mutable/ConcurrentHashMapUnsafe
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapObject
getIntVolatile
getObjectVolatile
objectFieldOffset
putObjectVolatile
getUnsafe
Methods

com.google.errorprone:error_prone_core (3)

com.spotify:docker−client (3)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putObjectVolatile
getUnsafe
Methods

io.prometheus:simpleclient (3)

org.apache.avro:avro−tools (3)
CAS
Get
Offset
Put
NA
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeBooleanField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeByteField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCachedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCharField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeCustomEncodedField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeDoubleField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeFloatField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeIntField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeLongField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeObjectField
org/apache/avro/reflect/FieldAccessUnsafe$UnsafeShortField
org/jboss/netty/util/internal/LinkedTransferQueue
org/jboss/netty/util/internal/LinkedTransferQueue$Node
call sites
0 1 2 3 4
pareAndSwapInt
ompareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

org.apache.bookkeeper:bookkeeper−server (3)

ache.servicemix.bundles:org.apache.servicemix.bundles.elasticsearch (3)

org.cogchar:org.cogchar.bundle.core (3)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.deephacks.cached:cached (3)
Array
CAS
Get
Get Volatile
Off-Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
org/deephacks/cached/buffer/util/internal/PlatformDependent0
org/deephacks/cached/buffer/util/internal/chmv8/ConcurrentHashMapV8
org/deephacks/cached/buffer/util/internal/chmv8/CountedCompleter
org/deephacks/cached/buffer/util/internal/chmv8/ForkJoinPool
org/deephacks/cached/buffer/util/internal/chmv8/ForkJoinPool$WorkQueue
org/deephacks/cached/buffer/util/internal/chmv8/ForkJoinTask
org/deephacks/cached/buffer/util/internal/chmv8/Striped64
org/deephacks/cached/buffer/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

org.eclipse.scalamodules:scalamodules−scala−library (3)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

org.glassfish.tyrus.ext:tyrus−monitoring−jmx (3)
CAS
Offset
NA
org/glassfish/tyrus/ext/monitoring/jmx/Striped64
org/glassfish/tyrus/ext/monitoring/jmx/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.greencheek.related:related−domain (3)
Array
Get
Off−Heap
Offset
org/greencheek/related/util/arrayindexing/Util
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getObject
copyMemory
objectFieldOffset
Methods

org.infinispan:infinispan−remote (3)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/commons/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8$TreeBin
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/commons/util/concurrent/jdk8backported/Striped64
org/infinispan/commons/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.metatype.sxc:sxc−core (3)
Class
2.0
1.5
1.0
0.5
0.0
call sites
org/metatype/sxc/compiler/EclipseCompiler
defineClass
Methods

org.ops4j.pax.wicket:pax−wicket−service (3)

org.pitest:pitest (3)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/pitest/reloc/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.robovm:robovm−rt (3)

org.subscript–lang:scala–library (3)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

org.tomitribe:tomitribe−util (3)
Get
Off−Heap
Put
org/tomitribe/util/hash/Slice
org/tomitribe/util/hash/XxHash32
org/tomitribe/util/hash/XxHash64
call sites
0
2
4
6
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

ai.h2o:h2o−algos (2)
CAS
Offset
hex/gram/Gram$Cholesky$DelayedTask
hex/tree/DHistogram
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
objectFieldOffset
Methods

co.cask.cdap:cdap−cli (2)
Alloc
Array
CAS
Get
Offset
NA
co/cask/cdap/common/lang/InstantiatorFactory$10
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

co.paralleluniverse:quasar−actors (2)
Array
Get
Off−Heap
Offset
Put
co/paralleluniverse/data/record/DynamicUnsafeRecord
co/paralleluniverse/data/record/SimpleRecord
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.addthis:basis (2)
Array
CAS
Get Volatile
Offset
Put Volatile
NA
com/addthis/basis/collect/ConcurrentHashMapV8
com/addthis/basis/collect/ConcurrentHashMapV8$TreeBin
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObjectVolatile
getUnsafe
Methods

com.alibaba.citrus:citrus−webx−all (2)

com.carrotsearch:java−sizeof (2)
Get
Offset
1.00
0.75
0.50
0.25
0.00
call sites
com/carrotsearch/sizeof/BlackMagic
getShort
objectFieldOffset
Methods

com.couchbase.client:core−io (2)

com.github.fakemongo:fongo (2)

m.google.appengine:appengine−remote−api (2)

com.google.appengine:appengine−testing (2)

com.sandinh:spray−can (2)
CAS
Get Volatile
Offset
spray/can/server/ResponseReceiverRef
spray/can/server/ResponseReceiverRef$
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
getObjectVolatile
objectFieldOffset
Methods

com.seitenbau.testing:sb–junitrecorder–core (2)

com.snappydb:snappydb−api (2)

com.stratio.cassandra:cassandra−all (2)

com.sun.grizzly:grizzly−cometd−webserver (2)

com.thinkaurelius.thrift:thrift−server (2)
Get
Off−Heap
Put
com/thinkaurelius/thrift/util/mem/Memory
call sites
0
1
2
3
getByte
getLong
allocateMemory
copyMemory
freeMemory
reallocateMemory
setMemory
putByte
putLong
Methods

com.typesafe.akka:akka−osgi_2.11.0−M3 (2)

io.kamon:kamon−core_2.10 (2)

io.kamon:kamon−core_2.11 (2)

net.openhft:chronicle (2)
Get
Get Volatile
Put
Put Lazy
net/openhft/chronicle/IndexedChronicle$AbstractIndexedExcerpt
net/openhft/chronicle/IndexedChronicle$IndexedExcerpt
net/openhft/chronicle/IndexedChronicle$IndexedExcerptAppender
net/openhft/chronicle/IndexedChronicle$IndexedExcerptTailer
net/openhft/chronicle/VanillaChronicle$VanillaAppenderImpl
call sites
0
1
2
3
getInt
getLong
getIntVolatile
getLongVolatile
putInt
putLong
putOrderedInt
Methods

net.orfjackal.retrolambda:retrolambda (2)

net.roboconf:roboconf−plugin−api (2)

org.apache.storm:storm−core (2)
Array
CAS
Get
Offset
NA
call sites
2.0
1.5
1.0
0.5
0.0
org/apache/storm/guava/cache/Striped64
org/apache/storm/guava/cache/Striped64$Cell
org/apache/storm/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.avaje.ebeanorm:avaje−ebeanorm (2)
CAS
Offset
NA
com/avaje/ebeaninternal/server/util/Striped64
com/avaje/ebeaninternal/server/util/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.batoo.jpa:batoo−common (2)
Get
Offset
Put
call sites
2.0
1.5
1.0
0.5
0.0
org/batoo/common/reflect/UnsafeFieldAccessor
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.bitbucket.mstrobel:procyon−core (2)
Class
NA
com/strobel/compilerservices/RuntimeHelpers
call sites
1.00
0.75
0.50
0.25
0.00
ensureClassInitialized
getUnsafe
Methods

org.caffinitas.ohc:ohc−core (2)
CAS
Get
Get Volatile
Off−Heap
Put
org/caffinitas/ohc/alloc/UnsafeAllocator
org/caffinitas/ohc/linked/Uns
org/caffinitas/ohc/linked/UnsExt7
org/caffinitas/ohc/tables/Uns
org/caffinitas/ohc/tables/UnsExt7
call sites
0
1
2
3
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

org.choco−solver:choco−solver (2)
Get
Off−Heap
Put
org/chocosolver/memory/trailing/trail/unsafe/UnsafeBoolTrail
org/chocosolver/memory/trailing/trail/unsafe/UnsafeDoubleTrail
org/chocosolver/memory/trailing/trail/unsafe/UnsafeIntTrail
org/chocosolver/memory/trailing/trail/unsafe/UnsafeLongTrail
call sites
0
2
4
6
getByte
getDouble
getInt
getLong
allocateMemory
freeMemory
putByte
putDouble
putInt
putLong
Methods

org.codehaus.jsr166–mirror:jsr166 (2)

org.codehaus:mvel (2)
Alloc
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/mvel/tests/perftests/SimpleTests
allocateInstance
objectFieldOffset
putBoolean
Methods

org.deephacks.lmdbjni:lmdbjni (2)
Array
CAS
Get
Get Volatile
Off−Heap
Put
Put Lazy
Put Volatile
org/fusesource/lmdbjni/DirectBuffer
org/fusesource/lmdbjni/NativeBuffer
org/fusesource/lmdbjni/Unsafe
call sites
0
1
2
3
4
5
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
getIntVolatile
getLongVolatile
getShortVolatile
addressSize
copyMemory
getAddress
setMemory
putBoolean
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedInt
putOrderedLong
putIntVolatile
putLongVolatile
putShortVolatile
Methods

org.deephacks:graphene−core (2)
Array
Get
org/deephacks/graphene/internal/BytesUtils
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.dspace.dependencies:dspace−perst (2)
Offset
Put
org/garret/perst/impl/sun14/Sun14ReflectionProvider
call sites
7.5
5.0
2.5
0.0
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.ehcache.modules:ehcache−impl (2)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/ehcache/internal/concurrent/JSR166Helper$Unsafe
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putInt
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.immutables:generate−tool (2)

org.infinispan:infinispan−embedded (2)

org.jboss.forge:forge−jboss−modules (2)
Monitor
org/jboss/modules/ConcurrentClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
monitorEnter
monitorExit
Methods

org.jboss.forge:jboss−modules (2)
Monitor
org/jboss/modules/ConcurrentClassLoader
call sites
2.0
1.5
1.0
0.5
0.0
monitorEnter
monitorExit
Methods

org.kitesdk:kite−data−hbase (2)

org.kitesdk:kite−data−hive (2)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.onosproject:onlab−thirdparty (2)
Alloc
Array
Get
Off−Heap
Offset
Put
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
0
2
4
6
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.onosproject:onos−of−api (2)
Alloc
Array
CAS
Get
Off−Heap
Offset
Put
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
call sites
allocateInstance
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

org.sisioh:java−dddbase (2)
CAS
Offset
1.00
0.75
0.50
0.25
0.00
call sites
org/sisioh/dddbase/utils/future/impl/AbstractPromise
compareAndSwapObject
objectFieldOffset
Methods

org.xerial.larray:larray−buffer (2)
Get
Off−Heap
Put
xerial/larray/buffer/DefaultMemoryAllocator
xerial/larray/buffer/LBufferAPI
xerial/larray/buffer/OffHeapMemory
xerial/larray/buffer/WritableChannelWrap
call sites
2.0
1.5
1.0
0.5
0.0
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

org.xerial:larray−buffer (2)
Get
Off−Heap
Put
xerial/larray/buffer/LBufferAPI
xerial/larray/buffer/OffHeapMemory
xerial/larray/buffer/OffHeapMemoryAllocator
xerial/larray/buffer/WritableChannelWrap
call sites
2.0
1.5
1.0
0.5
0.0
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

co.cask.cdap:cdap−flume (1)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
NA
co/cask/cdap/common/lang/InstantiatorFactory$10
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
pageSize
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

com.atlassian.clover:clover (1)

com.chaschev:chutils (1)

com.cloudbees:cloudbees−api−client−nodeps (1)

com.eclipsesource.jaxrs:jersey−all (1)

com.envoisolutions.sxc:sxc–jaxb (1)
Get
Offset
Put
com/envoisolutions/sxc/jaxb/FieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.facebook.hiveio:hive−io−exp−core (1)

com.facebook.jcommon:stats (1)
Array
Offset
1.00
0.75
0.50
0.25
0.00
call sites
com/facebook/stats/cardinality/UnsafeUtil
arrayIndexScale
objectFieldOffset
Methods

com.facebook.presto:presto−jdbc (1)

com.github.jasonruckman:sidney−core (1)

com.github.jsimone:webapp−runner (1)
CAS
Offset
Put
NA
org/jboss/netty/util/internal/LinkedTransferQueue
org/jboss/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.googlecode.funcito:funcito (1)

com.groupon.mysql:mysql−embed (1)
CAS
Offset
NA
com/groupon/mysql/com/google/common/cache/$Striped64
com/groupon/mysql/com/google/common/cache/$Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

com.higherfrequencytrading:chronicle (1)

com.javax0:djcproxy (1)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
com/javax0/djcproxy/ProxyFactory
allocateInstance
Methods

com.jolbox:bonecp−provider (1)
CAS
Offset
Put
NA
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.netflix.numerus:numerus (1)

com.networkbench.newlens.agent.android:nbs.newlens.class.rewriter (1)

com.newrelic.agent.android:class−rewriter (1)

com.nfsdb:nfsdb−core (1)
Get
Off−Heap
Offset
Put
com/nfsdb/journal/Journal
com/nfsdb/journal/Journal$1
com/nfsdb/journal/Partition
com/nfsdb/journal/column/FixedColumn
com/nfsdb/journal/column/MappedFileImpl
com/nfsdb/journal/column/NullsColumn
com/nfsdb/journal/column/VariableColumn
com/nfsdb/journal/factory/configuration/JournalMetadataBuilder
com/nfsdb/journal/index/KVIndex
com/nfsdb/journal/iterators/ReplayIterator$1
com/nfsdb/journal/map/JournalHashMap
com/nfsdb/journal/printer/JournalPrinter
com/nfsdb/journal/printer/converter/BooleanConverter
com/nfsdb/journal/printer/converter/ByteConverter
com/nfsdb/journal/printer/converter/DateConverter
com/nfsdb/journal/printer/converter/DoubleConverter
com/nfsdb/journal/printer/converter/IntConverter
com/nfsdb/journal/printer/converter/LongConverter
com/nfsdb/journal/printer/converter/ScaledDoubleConverter
com/nfsdb/journal/printer/converter/StringConverter
com/nfsdb/journal/printer/converter/StripCRLFStringConverter
com/nfsdb/journal/utils/BitSetAccessor
call sites
0
2
4
6
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
setMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.nitorcreations:drm−core (1)

com.sun.grizzly:grizzly−comet−webserver (1)

com.sun.grizzly:grizzly−webserver (1)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.thinkaurelius.titan:titan−hbase (1)

com.twitter:parquet−tools (1)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

com.typesafe.akka:akka−actor_2.11.0−M7 (1)

com.vaadin.external.gwt:gwt−dev (1)

de.matrixweb.osgi.wrapped:osgi−wrapped−closure−compiler (1)

de.ruedigermoeller:kontraktor (1)
Array
CAS
Get
Get Volatile
Offset
Put
Put Lazy
io/jaq/mpsc/MpscConcurrentArrayQueueL3Pad
io/jaq/mpsc/MpscConcurrentQueue
io/jaq/util/VolatileLongCell
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

geronimo:geronimo−interop (1)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/apache/geronimo/interop/rmi/iiop/FinalFieldSetterJdk14
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

io.fabric8.insight:insight−elasticsearch (1)

io.janusproject.guava:guava (1)

io.protostuff:protostuff−runtime (1)

io.rainfall:rainfall−core (1)

io.rtr.alchemy:alchemy−service (1)

net.moetang:nekocore (1)
Array
Get
Off−Heap
net/moetang/nekocore/jdk/sun/unsafe/UnsafeUtils$UnsafeProxy
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getLong
addressSize
pageSize
Methods

net.openhft:chronicle−map (1)

net.openhft:collections (1)
Alloc
Off−Heap
net/openhft/collections/AbstractVanillaSharedHashMap$Segment
net/openhft/collections/HugeHashMap$Segment
call sites
2.0
1.5
1.0
0.5
0.0
allocateInstance
copyMemory
Methods

call sites

net.scattersphere:scattersphere−core (1)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
org/nustaq/offheap/bytez/malloc/MallocBytez
org/nustaq/offheap/bytez/malloc/MallocBytezAllocator
org/nustaq/offheap/bytez/onheap/HeapBytez
org/nustaq/offheap/structs/FSTStructAllocator
org/nustaq/offheap/structs/unsafeimpl/FSTStructFactory
org/nustaq/serialization/FSTClazzInfo
org/nustaq/serialization/FSTClazzInfo$FSTFieldInfo
org/nustaq/serialization/util/FSTUtil
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
getShortVolatile
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
park
unpark
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
putShortVolatile
throwException
getUnsafe
Methods

net.sf.grinder:grinder−core (1)
Array
Put Lazy
NA
extra166y/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

net.sourceforge.owlapi:owlapi−parsers (1)

net.tribe7.seeds:seeds−cache (1)
CAS
Offset
NA
net/tribe7/common/cache/Striped64
net/tribe7/common/cache/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

net.vvakame:jsonpullparser−apt (1)

org.apache.geronimo.gshell:gshell−embeddable (1)

org.apache.giraph:giraph−core (1)
Array
Get
Put
org/apache/giraph/utils/UnsafeArrayReads
org/apache/giraph/utils/UnsafeByteArrayOutputStream
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

org.apache.jackrabbit:oak−tarmk−standby (1)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

org.apache.servicemix.bundles:org.apache.servicemix.bundles.avro (1)

org.apache.yoko:yoko−rmi−impl (1)
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/apache/yoko/rmi/util/corba/Field
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.avaje.metric:avaje−metric−core (1)
CAS
Offset
NA
org/avaje/metric/util/Striped64
org/avaje/metric/util/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.batoo.jpa:batoo−jpa (1)
Get
Offset
Put
call sites
2.0
1.5
1.0
0.5
0.0
org/batoo/common/reflect/UnsafeFieldAccessor
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.batoo.jpa:common (1)
Get
Offset
Put
2.0
1.5
1.0
0.5
0.0
call sites
org/batoo/jpa/common/reflect/UnsafeFieldAccessor
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.bitbucket.mstrobel:procyon−reflection (1)
Class
NA
com/strobel/reflection/emit/TypeBuilder
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
getUnsafe
Methods

org.bytedeco:javacv (1)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/bytedeco/javacv/PS3EyeFrameGrabber
allocateInstance
Methods

org.caffinitas.mapper:caffinitas−mapper−core (1)
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/caffinitas/mapper/core/accessors/UnsafeFieldAccessor
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.caffinitas.ohc:ohc−core−j8 (1)
Fetch & Add
call sites
1.00
0.75
0.50
0.25
0.00
org/caffinitas/ohc/linked/UnsExt8
org/caffinitas/ohc/tables/UnsExt8
getAndAddInt
getAndAddLong
getAndSetInt
getAndSetLong
Methods

org.coconut.forkjoin:jsr166y (1)
Array
CAS
Offset
Throw
NA
jsr166y/forkjoin/ForkJoinTask
jsr166y/forkjoin/ForkJoinWorkerThread
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
throwException
getUnsafe
Methods

org.codehaus.jsr166–mirror:extra166y (1)
Array
Put Lazy
NA
extra166y/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

org.deephacks.graphene:graphene−core (1)
Array
Get
org/deephacks/graphene/internal/BytesUtils
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.deephacks.tools4j:tools4j−config−provider−cached (1)

org.deephacks.tools4j:tools4j−config−provider−hbase−filter (1)

org.deephacks:confit−provider−cached (1)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/deephacks/confit/internal/cached/DefaultCacheValueSerializer$UniqueId$UnsafeSetOp
objectFieldOffset
putBoolean
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.deephacks:confit−provider−hbase−filter (1)
Array
Get
org/deephacks/confit/internal/hbase/BytesUtils
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.ehcache:ehcache (1)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/ehcache/internal/concurrent/JSR166Helper$Unsafe
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putInt
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.fabric3:fabric3–node (1)
Array
CAS
Get Volatile
Put Lazy
Put Volatile
com/lmax/disruptor/MultiProducerSequencer
com/lmax/disruptor/Sequence
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getIntVolatile
getLongVolatile
putOrderedInt
putOrderedLong
putLongVolatile
Methods

org.fusesource.fabric:tooling–jclouds–all (1)

org.fusesource.insight:insight–elasticsearch (1)
Array
CAS
Class
Get
Offset
Put
NA
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/mvel2/util/JITClassLoader
org/elasticsearch/common/netty/util/internal/LinkedTransferQueue
org/elasticsearch/common/netty/util/internal/LinkedTransferQueue$Node
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue
org/elasticsearch/common/util/concurrent/jsr166y/LinkedTransferQueue$Node
call sites
0
3
6
9
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
defineClass
getLong
objectFieldOffset
putLong
putObject
getUnsafe
Methods

org.glassfish.embedded:glassfish−embedded−all (1)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

org.glassfish.extras:glassfish−embedded−web (1)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

org.glassfish.jersey.bundles.repackaged:jersey−jsr166e (1)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
jersey/repackaged/jsr166e/CompletableFuture
jersey/repackaged/jsr166e/CompletableFuture$ThenCompose
jersey/repackaged/jsr166e/ConcurrentHashMapV8
jersey/repackaged/jsr166e/ConcurrentHashMapV8$TreeBin
jersey/repackaged/jsr166e/CountedCompleter
jersey/repackaged/jsr166e/ForkJoinPool
jersey/repackaged/jsr166e/ForkJoinPool$WorkQueue
jersey/repackaged/jsr166e/ForkJoinTask
jersey/repackaged/jsr166e/StampedLock
jersey/repackaged/jsr166e/Striped64
jersey/repackaged/jsr166e/Striped64$Cell
jersey/repackaged/jsr166e/extra/AtomicDouble
jersey/repackaged/jsr166e/extra/AtomicDoubleArray
call sites
0
10
20
30
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

org.glassfish.main.extras:glassfish−embedded−web (1)

org.graphchi:graphchi–java_2.10 (1)
CAS
Offset
edu/cmu/graphchi/ChiVertex
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
objectFieldOffset
Methods

org.graphchi:graphchi–java_2.11 (1)
CAS
Offset
edu/cmu/graphchi/ChiVertex
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
objectFieldOffset
Methods

org.infinispan:infinispan−embedded−query (1)

org.jboss.arquillian.daemon:arquillian−daemon−main (1)

org.jboss.errai.io.netty:netty (1)
CAS
Offset
Put
NA
io/netty/util/internal/LinkedTransferQueue
io/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

org.jboss.weld.osgi:weld−osgi−core−mandatory (1)

org.jctools:jctools−core (1)
Array
CAS
Fetch & Add
Get
Get Volatile
Offset
Put
Put Lazy
org/jctools/queues/BaseLinkedQueueConsumerNodeRef
org/jctools/queues/BaseLinkedQueueProducerNodeRef
org/jctools/queues/ConcurrentCircularArrayQueue
org/jctools/queues/ConcurrentSequencedCircularArrayQueue
org/jctools/queues/LinkedQueueNode
org/jctools/queues/MpmcArrayQueueConsumerField
org/jctools/queues/MpmcArrayQueueProducerField
org/jctools/queues/MpscArrayQueueConsumerField
org/jctools/queues/MpscArrayQueueTailField
org/jctools/queues/MpscLinkedQueue7
org/jctools/queues/MpscLinkedQueue8
org/jctools/queues/SpmcArrayQueueConsumerField
org/jctools/queues/SpmcArrayQueueProducerField
org/jctools/queues/SpscArrayQueueConsumerField
org/jctools/queues/SpscArrayQueueProducerFields
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
getAndSetObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
putObject
putOrderedLong
putOrderedObject
Methods

org.jogamp.jocl:jocl (1)
Get
Offset
com/jogamp/opencl/InternalBufferUtil
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

org.jtestr:jruby−complete (1)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
org/jruby/util/unsafe/SunUnsafeWrapper
throwException
Methods

org.jvnet.hudson:xstream (1)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.kitesdk:kite−data−mapreduce (1)

org.metatype.sxc:sxc–jaxb (1)
Get
Offset
Put
org/metatype/sxc/jaxb/FieldAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.msgpack:msgpack−core (1)
Array
Get
Off−Heap
Put
org/msgpack/core/buffer/MessageBuffer
org/msgpack/core/buffer/MessageBufferBE
call sites
0
2
4
6
arrayBaseOffset
arrayIndexScale
getBoolean
getByte
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
putBoolean
putByte
putDouble
putInt
putLong
putShort
Methods

org.objenesis:objenesis–tck (1)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

org.openengsb.wrapped:jira−rest−java−client−core (1)

org.ow2.jonas.assemblies:client–jar (1)

org.parceler:parceler (1)
Array
CAS
Get
Offset
NA
org/parceler/guava/cache/Striped64
org/parceler/guava/cache/Striped64$Cell
org/parceler/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.powermock:powermock−classloading−objenesis (1)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/powermock/classloading/DeepCloner$UnsafeFieldWriter
objectFieldOffset
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.projectlombok:lombok.ast (1)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
lombok/ast/libs/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.resthub:hessian (1)
Alloc
Get
Offset
Put
com/caucho/hessian/io/UnsafeDeserializer
com/caucho/hessian/io/UnsafeDeserializer$BooleanFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ByteFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$CharFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$DoubleFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$FloatFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$IntFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$LongFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ObjectFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$ShortFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlDateFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimeFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$SqlTimestampFieldDeserializer
com/caucho/hessian/io/UnsafeDeserializer$StringFieldDeserializer
com/caucho/hessian/io/UnsafeSerializer$BooleanFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ByteFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$CharFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DateFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$DoubleFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$FloatFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$IntFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$LongFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ObjectFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$ShortFieldSerializer
com/caucho/hessian/io/UnsafeSerializer$StringFieldSerializer
call sites
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.rhq:rhq−scripting−python (1)

org.scala−lang:scala−pickling_2.10 (1)

org.scala−lang:scala−pickling_2.11 (1)

org.spark−project:akka−actor (1)
Array
CAS
Get
Get Volatile
Monitor
Offset
Park
Put
Put Lazy
Put Volatile
akka/dispatch/AbstractMailbox
akka/dispatch/Mailbox
akka/jsr166y/ForkJoinPool
akka/jsr166y/ForkJoinPool$WorkQueue
akka/jsr166y/ForkJoinTask
akka/pattern/AbstractPromiseActorRef
akka/pattern/PromiseActorRef
akka/routing/RoutedActorRef
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getIntVolatile
getObjectVolatile
monitorEnter
monitorExit
objectFieldOffset
park
unpark
putObject
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

org.sql2o:sql2o (1)
Alloc
Offset
Put
Put Volatile
call sites
1.00
0.75
0.50
0.25
0.00
org/sql2o/reflection/UnsafeFieldSetterFactory
org/sql2o/reflection/UnsafeFieldSetterFactory$1
org/sql2o/reflection/UnsafeFieldSetterFactory$10
org/sql2o/reflection/UnsafeFieldSetterFactory$11
org/sql2o/reflection/UnsafeFieldSetterFactory$12
org/sql2o/reflection/UnsafeFieldSetterFactory$13
org/sql2o/reflection/UnsafeFieldSetterFactory$14
org/sql2o/reflection/UnsafeFieldSetterFactory$15
org/sql2o/reflection/UnsafeFieldSetterFactory$16
org/sql2o/reflection/UnsafeFieldSetterFactory$17
org/sql2o/reflection/UnsafeFieldSetterFactory$18
org/sql2o/reflection/UnsafeFieldSetterFactory$19
org/sql2o/reflection/UnsafeFieldSetterFactory$2
org/sql2o/reflection/UnsafeFieldSetterFactory$3
org/sql2o/reflection/UnsafeFieldSetterFactory$4
org/sql2o/reflection/UnsafeFieldSetterFactory$5
org/sql2o/reflection/UnsafeFieldSetterFactory$6
org/sql2o/reflection/UnsafeFieldSetterFactory$7
org/sql2o/reflection/UnsafeFieldSetterFactory$8
org/sql2o/reflection/UnsafeFieldSetterFactory$9
allocateInstance
objectFieldOffset
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putBooleanVolatile
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
putShortVolatile
Methods

org.wisdom−framework:akka−system (1)
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
call sites
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getIntVolatile
getLongVolatile
getObjectVolatile
objectFieldOffset
putOrderedObject
putIntVolatile
putObjectVolatile
Methods

org.xerial.larray:larray−mmap (1)
Off−Heap
1.00
0.75
0.50
0.25
0.00
call sites
xerial/larray/mmap/MMapBuffer
pageSize
Methods

org.xerial:larray−mmap (1)
Off−Heap
1.00
0.75
0.50
0.25
0.00
call sites
xerial/larray/mmap/MMapBuffer
pageSize
Methods

pl.edu.icm:JLargeArrays (1)
Get
Monitor
Off−Heap
Put
pl/edu/icm/jlargearrays/BitLargeArray
pl/edu/icm/jlargearrays/ByteLargeArray
pl/edu/icm/jlargearrays/DoubleLargeArray
pl/edu/icm/jlargearrays/FloatLargeArray
pl/edu/icm/jlargearrays/IntLargeArray
pl/edu/icm/jlargearrays/LargeArray
pl/edu/icm/jlargearrays/LargeArray$1
pl/edu/icm/jlargearrays/LargeArray$Deallocator
pl/edu/icm/jlargearrays/LongLargeArray
pl/edu/icm/jlargearrays/ShortLargeArray
pl/edu/icm/jlargearrays/StringLargeArray
call sites
0
10
20
30
getByte
getDouble
getFloat
getInt
getLong
getShort
monitorEnter
monitorExit
allocateMemory
freeMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

uk.co.real–logic:Agrona (1)
Array
CAS
Fence
Fetch & Add
Get
Get Volatile
Off–Heap
Offset
Put
Put Lazy
Put Volatile
uk/co/real_logic/agrona/concurrent/OneToOneConcurrentArrayQueue
uk/co/real_logic/agrona/concurrent/UnsafeBuffer
uk/co/real_logic/agrona/concurrent/broadcast/BroadcastReceiver
uk/co/real_logic/agrona/concurrent/broadcast/BroadcastTransmitter
call sites
0
1
2
3
4
5
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
loadFence
storeFence
getAndAddInt
getAndAddLong
getAndSetInt
getAndSetLong
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
getShortVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putShortVolatile
Methods

ai.h2o:h2o−classic (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
hex/gbm/DHistogram
hex/gram/Gram$Cholesky$DelayedTask
jsr166y/ConcurrentLinkedDeque
jsr166y/ConcurrentLinkedDeque$Node
jsr166y/CountedCompleter
jsr166y/ForkJoinPool
jsr166y/ForkJoinPool$WorkQueue
jsr166y/ForkJoinTask
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
water/TimeLine
water/UDP
water/nbhm/ConcurrentAutoTable$CAT
water/nbhm/NonBlockingHashMap
water/nbhm/NonBlockingHashMapLong
water/nbhm/NonBlockingHashMapLong$CHM
water/nbhm/NonBlockingIdentityHashMap
water/nbhm/NonBlockingSetInt
water/nbhm/NonBlockingSetInt$NBSI
water/nbhm/UtilUnsafe
water/util/UnsafeUtils
water/util/Utils$AtomicDoubleArray
water/util/Utils$AtomicFloatArray
water/util/Utils$AtomicIntArray
water/util/Utils$AtomicLongArray
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
objectFieldOffset
park
unpark
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

be.unamur.info:yami−tool (NA)

biz.paluch.redis:lettuce−shaded (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/lambdaworks/io/netty/util/internal/PlatformDependent0
com/lambdaworks/io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
com/lambdaworks/io/netty/util/internal/UnsafeAtomicLongFieldUpdater
com/lambdaworks/io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
com/lambdaworks/io/netty/util/internal/chmv8/ConcurrentHashMapV8
com/lambdaworks/io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
com/lambdaworks/io/netty/util/internal/chmv8/CountedCompleter
com/lambdaworks/io/netty/util/internal/chmv8/ForkJoinPool
com/lambdaworks/io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
com/lambdaworks/io/netty/util/internal/chmv8/ForkJoinTask
com/lambdaworks/io/netty/util/internal/chmv8/Striped64
com/lambdaworks/io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

cc.concurrent:mango (NA)
CAS
Offset
NA
cc/concurrent/mango/util/concurrent/atomic/Striped64
cc/concurrent/mango/util/concurrent/atomic/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

ch.ethz.inf.vs:cf−plugtest−checker (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

ch.ethz.inf.vs:cf−proxy (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

ch.ledcom.tomcat.valves:tomcat−valves (NA)

ch.softappeal.yass:yass (NA)
Alloc
Get
Offset
Put
ch/softappeal/yass/serialize/FastReflector
ch/softappeal/yass/serialize/FastReflector$1
ch/softappeal/yass/serialize/FastReflector$2
ch/softappeal/yass/serialize/FastReflector$3
ch/softappeal/yass/serialize/FastReflector$4
ch/softappeal/yass/serialize/FastReflector$5
ch/softappeal/yass/serialize/FastReflector$6
ch/softappeal/yass/serialize/FastReflector$7
ch/softappeal/yass/serialize/FastReflector$8
ch/softappeal/yass/serialize/FastReflector$9
ch/softappeal/yass/util/Dumper$FieldDesc
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

ch.softappeal.yass:yass−jdk1.6 (NA)
Alloc
Get
Offset
Put
ch/softappeal/yass/serialize/FastReflector
ch/softappeal/yass/serialize/FastReflector$10
ch/softappeal/yass/serialize/FastReflector$2
ch/softappeal/yass/serialize/FastReflector$3
ch/softappeal/yass/serialize/FastReflector$4
ch/softappeal/yass/serialize/FastReflector$5
ch/softappeal/yass/serialize/FastReflector$6
ch/softappeal/yass/serialize/FastReflector$7
ch/softappeal/yass/serialize/FastReflector$8
ch/softappeal/yass/serialize/FastReflector$9
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

ch.softappeal.yass:yass−jdk1.7 (NA)
Alloc
Get
Offset
Put
ch/softappeal/yass/serialize/FastReflector
ch/softappeal/yass/serialize/FastReflector$10
ch/softappeal/yass/serialize/FastReflector$2
ch/softappeal/yass/serialize/FastReflector$3
ch/softappeal/yass/serialize/FastReflector$4
ch/softappeal/yass/serialize/FastReflector$5
ch/softappeal/yass/serialize/FastReflector$6
ch/softappeal/yass/serialize/FastReflector$7
ch/softappeal/yass/serialize/FastReflector$8
ch/softappeal/yass/serialize/FastReflector$9
ch/softappeal/yass/util/Dumper$FieldDesc
ch/softappeal/yass/util/Dumper$FieldDesc$1
ch/softappeal/yass/util/Dumper$FieldDesc$2
ch/softappeal/yass/util/Dumper$FieldDesc$3
ch/softappeal/yass/util/Dumper$FieldDesc$4
ch/softappeal/yass/util/Dumper$FieldDesc$5
ch/softappeal/yass/util/Dumper$FieldDesc$6
ch/softappeal/yass/util/Dumper$FieldDesc$7
ch/softappeal/yass/util/Dumper$FieldDesc$8
ch/softappeal/yass/util/Dumper$FieldDesc$9
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

co.paralleluniverse:comsat−jetty−loader (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

co.paralleluniverse:comsat−tomcat−loader (NA)

co.paralleluniverse:galaxy (NA)
Array
CAS
Off−Heap
Offset
NA
co/paralleluniverse/common/io/ByteBufferUtil
co/paralleluniverse/common/util/UtilUnsafe
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/ScalableReadWriteLock$CAT
org/cliffc/high_scale_lib/ScalableReadWriteLock2$CAT
org/cliffc/high_scale_lib/UtilUnsafe
call sites
15
10
5
0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
copyMemory
objectFieldOffset
getUnsafe
Methods

co.paralleluniverse:quasar (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
co/paralleluniverse/concurrent/forkjoin/ParkableForkJoinTask
co/paralleluniverse/concurrent/util/UtilUnsafe
co/paralleluniverse/fibers/Fiber
co/paralleluniverse/fibers/ThreadAccess
co/paralleluniverse/strands/queues/SingleConsumerArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayPrimitiveQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedArrayQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedObjectQueue
co/paralleluniverse/strands/queues/SingleConsumerLinkedQueue
jsr166e/CompletableFuture
jsr166e/CompletableFuture$ComposeCompletion
jsr166e/ConcurrentHashMapV8
jsr166e/CountedCompleter
jsr166e/ForkJoinPool
jsr166e/ForkJoinPool$WorkQueue
jsr166e/ForkJoinTask
jsr166e/StampedLock
jsr166e/Striped64
jsr166e/Striped64$Cell
jsr166e/extra/AtomicDouble
jsr166e/extra/AtomicDoubleArray
call sites
0
10
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

com.aceevo:ursus−example−application (NA)

com.aceevo:ursus−example−http−client (NA)

com.aceevo:ursus−example−jersey−client (NA)

com.aceevo:ursus−example−nio−application (NA)

com.aceevo:ursus−example−nio−client (NA)

com.aceevo:ursus−example−rest−application (NA)

com.aceevo:ursus−example−websocket−client (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

com.alexkasko.unsafe:unsafe−tools (NA)
Array
Get
Off−Heap
Put
com/alexkasko/unsafe/bytearray/UnsafeByteArrayTool
com/alexkasko/unsafe/offheap/UnsafeOffHeapMemory
call sites
0
2
4
6
arrayBaseOffset
getByte
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
putByte
putInt
putLong
putShort
Methods

com.almende.eve:eve−bundle−android−ws (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

com.almende.eve:eve−bundle−full (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

com.almende.eve:eve−bundle−full−embed (NA)

com.aol.simplereact:simple−react (NA)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
com/aol/simple/react/exceptions/ExceptionSoftener
throwException
Methods

com.bah.lucene:lucene−hdfs−directory (NA)
Array
Get
Off−Heap
com/bah/lucene/blockcache_v2/cachevalue/UnsafeCacheValue
call sites
3
2
1
0
arrayBaseOffset
getByte
allocateMemory
copyMemory
freeMemory
Methods

com.barchart.wrap:barchart−wrap−elasticsearch−all (NA)

com.bazaarvoice.auth:jersey−hmac−auth−cli (NA)

com.bazaarvoice.auth:jersey−hmac−auth−sample (NA)

com.bazaarvoice.ostrich.examples.calculator:calculator−service (NA)

com.bazaarvoice.ostrich.examples.calculator:calculator–user (NA)

com.bazaarvoice.ostrich.examples.dictionary:dictionary−service (NA)

com.bazaarvoice.ostrich.examples.dictionary:dictionary–user (NA)

com.bryghts.kissjson:kissjson_2.10 (NA)

com.carma:swagger−doclet−sample−dropwizard (NA)

com.cetsoft:imcache (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put Lazy
com/cetsoft/imcache/bytebuffer/DirectByteBuffer
com/cetsoft/imcache/concurrent/ConcurrentLinkedHashMap
com/cetsoft/imcache/concurrent/ConcurrentLinkedHashMap$LinkedHashEntry
call sites
0
3
6
9
arrayBaseOffset
arrayIndexScale
compareAndSwapObject
getObject
getObjectVolatile
copyMemory
objectFieldOffset
putOrderedObject
Methods

com.cloudbees.util:jnr−unixsocket−nodep (NA)
Get
Off−Heap
Put
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
call sites
1.00
0.75
0.50
0.25
0.00
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods

com.dyuproject.protostuff:protostuff−uberjar (NA)

com.elastisys.scale:cloudadapters.aws.autoscaling (NA)

com.elastisys.scale:cloudadapters.aws.ec2 (NA)

com.elastisys.scale:cloudadapters.openstack (NA)

com.elastisys.scale:cloudadapters.splitter (NA)

com.elastisys.scale:commons.logreplayer (NA)

com.esotericsoftware:kryo−shaded (NA)
Array
Get
Off−Heap
Offset
Put
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
call sites
0
2
4
6
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.etsy:statsd−jvm−profiler (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

com.facebook.nifty:nifty−load−tester (NA)

facebook.presto.hadoop:hadoop−apache2 (NA)

com.facebook.swift:swift−load−generator (NA)

com.fasterxml.transistore:transistore−server (NA)

com.fitbur.external:external−guava (NA)

com.frightanic:open−data−smn (NA)

com.ge.snowizard:snowizard−application (NA)

com.ge.snowizard:snowizard−service (NA)

com.getpebble:pebblekit (NA)

com.github.alaisi.nalloc:nalloc (NA)
Get
Off−Heap
Offset
Put
com/github/nalloc/impl/HeapArray
com/github/nalloc/impl/HeapPointer
com/github/nalloc/impl/PointerArithmetics
com/github/nalloc/impl/UnsafeNativeHeapAllocator
call sites
10.0
7.5
5.0
2.5
0.0
getByte
getChar
getInt
getLong
allocateMemory
copyMemory
freeMemory
reallocateMemory
setMemory
objectFieldOffset
putByte
putChar
putInt
putLong
Methods

com.github.chrisvest:stormpot (NA)

com.github.indykish:megam_common_2.10 (NA)

com.github.jknack:amd4j–tool (NA)

com.github.jknack:handlebars−proto (NA)

com.github.kmbulebu.nicknack:dsc−it100−provider (NA)

com.github.kmbulebu.nicknack:pushover−provider (NA)
Alloc
1.00
0.75
0.50
0.25
0.00
call sites
org/springframework/objenesis/instantiator/sun/UnsafeFactoryInstantiator
allocateInstance
Methods

com.github.livesense:org.liveSense.framework.gwt (NA)

com.github.mkolisnyk:sirius−maven−plugin (NA)

com.github.pabloo99.xmlsoccer:xmlsoccer (NA)

com.github.sakserv:hadoop−mini−clusters (NA)

com.github.scala−blitz:scala−blitz_2.10 (NA)

com.github.scala−blitz:scala−blitz_2.11 (NA)

com.github.scala−blitz:scala−blitz_2.11.0−M7 (NA)

com.github.staslev:storm−metrics−reporter (NA)

com.github.stephenc.high−scale−lib:java_util_concurrent_chm (NA)

com.github.stephenc.high−scale−lib:java_util_hashtable (NA)

com.github.subchen:jetbrick–all (NA)
Alloc
Class
Throw
jetbrick/lang/UnsafeUtils
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
defineClass
throwException
Methods

com.github.ubehebe:bxt (NA)

com.github.vijay2win:lruc (NA)

com.google.errorprone:error_prone_ant (NA)

com.google.gerrit:gerrit−plugin−api (NA)

com.graphaware.neo4j:graphaware−framework−embedded (NA)

om.graphaware.neo4j:graphaware−framework−server−community (NA)

com.graphaware.neo4j:graphaware−framework−server−enterprise (NA)

com.hazelcast:hazelcast−hibernate4 (NA)
Alloc
Get
Offset
Put Volatile
com/hazelcast/hibernate/serialization/Hibernate41CacheEntrySerializer
com/hazelcast/hibernate/serialization/Hibernate4CacheKeySerializer
call sites
0
1
2
3
4
5
allocateInstance
getBoolean
getInt
getObject
objectFieldOffset
putIntVolatile
putObjectVolatile
Methods

com.higherfrequencytrading:affinity (NA)

com.hubspot:BaragonAgentService (NA)

com.hubspot:BaragonService (NA)

com.hypnoticocelot:jaxrs−doclet (NA)

com.hypnoticocelot:jaxrs−doclet−sample−dropwizard (NA)

com.indeed:util−mmap (NA)
Array
Get
Off−Heap
Put
com/indeed/util/mmap/NativeBuffer
com/indeed/util/mmap/NativeEndianDirectDataAccess
com/indeed/util/mmap/NativeEndianHeapDataAccess
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
allocateMemory
copyMemory
freeMemory
reallocateMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

com.labs64.netlicensing:netlicensing−client−demo (NA)

com.librato.watchconf:watchconf−util (NA)

com.madgag:bfg (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

com.meltmedia.cadmium:cadmium−cli (NA)

com.mgmtp.perfload:perfload−agent (NA)

com.newrelic.agent.java:newrelic−agent (NA)

com.nfsdb:nfsdb−thrift (NA)
Get
Offset
Put
com/nfsdb/thrift/ThriftNullsAdaptor
call sites
2.0
1.5
1.0
0.5
0.0
getByte
getInt
getLong
getObject
getShort
objectFieldOffset
putByte
putInt
putLong
putObject
putShort
Methods

com.ning.billing:killbill−osgi−bundles−analytics (NA)

com.ning.billing:killbill–osgi–bundles–jruby (NA)

com.ning:lzf4hadoop (NA)
Array
Get
Put
com/ning/lzf4hadoop/shaded/impl/UnsafeChunkDecoder
call sites
0
3
6
9
arrayBaseOffset
getLong
putLong
Methods

com.noctarius.bz2java:bz2java (NA)
Off−Heap
com/noctarius/bz2java/NativeUtils
call sites
2.0
1.5
1.0
0.5
0.0
allocateMemory
copyMemory
freeMemory
Methods

com.orange.redis−protocol:netty4−server (NA)

com.ovea.tajin.framework:tajin−framework−all (NA)

com.ovea.tajin:tajin−all (NA)

com.ovea:jetty−session−redis (NA)
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/ovea/jetty/session/serializer/jboss/serial/classmetamodel/UnsafeFieldsManager
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.payneteasy:mysql−scheduler (NA)

com.qmetric:hal−feed−server (NA)

com.savoirtech:cassandra−all (NA)

com.sematext:solr−redis (NA)

com.senseidb:compressor (NA)
Get
Off-Heap
Put
com/senseidb/compressor/idset/MemoryAccessor
call sites
2.0
1.5
1.0
0.5
0.0
getByte
getInt
getLong
getShort
setMemory
putByte
putInt
putLong
Methods

com.sharethis:mongomigration (NA)

com.softwaremill.macwire:runtime_2.10 (NA)

com.softwaremill.macwire:runtime_2.11 (NA)

com.softwaremill.macwire:scopes_2.10 (NA)

com.sonatype.clm:clm−maven−plugin (NA)

com.sonatype.insight:ahc (NA)
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.storm−enroute:reactive−collections_2.10 (NA)

com.storm−enroute:reactive−collections_2.11 (NA)

com.storm–enroute:reactress_2.10 (NA)

com.sun.corba:glassfish−corba−peorb (NA)

com.sun.grizzly.osgi:grizzly−httpservice−bundle (NA)

com.sun.grizzly.samples:grizzly−embed−samples (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.sun.grizzly.samples:grizzly−multiple−adapter (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.sun.grizzly:grizzly−http−servlet−deployer (NA)

com.sun.grizzly:grizzly−hudson (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.sun.grizzly:grizzly−nio−framework (NA)
CAS
Offset
Put
NA
com/sun/grizzly/util/LinkedTransferQueue
com/sun/grizzly/util/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

com.sun.tools.btrace:btrace−agent (NA)
NA
1.00
0.75
0.50
0.25
0.00
call sites
com/sun/btrace/agent/Client
sun/misc/Unsafe
Methods

com.sun.tools.btrace:btrace−boot (NA)
Class
Park
NA
com/sun/btrace/BTraceRuntime
com/sun/btrace/BTraceRuntime$1
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
park
getUnsafe
Methods

com.sun.tools.btrace:btrace−client (NA)
Class
Park
NA
com/sun/btrace/BTraceRuntime
com/sun/btrace/BTraceRuntime$1
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
park
getUnsafe
Methods

com.timgroup:jgravatar (NA)

com.tocea.scertify.maven:maven−scertify−plugin (NA)

com.typesafe.akka:akka−actor_2.11.0−M4 (NA)

com.typesafe.akka:akka−actor_2.11.0−M5 (NA)

com.typesafe.akka:akka−actor_2.11.0−M8 (NA)

com.unister.semweb:DRUMS (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/unister/semweb/drums/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
arrayBaseOffset
arrayIndexScale
getLong
Methods

com.vaadin.external.gwt:gwt−servlet (NA)

com.vaadin:vaadin−shared−deps (NA)

com.vinumeris:updatefx−app (NA)

com.vinumeris:updatefx−examples (NA)

com.vityuk:ginger−core (NA)

com.weiglewilczek.scala–lang–osgi:scala–library (NA)

com.weiglewilczek.scala–lang–osgi:scala–library_2.8.0.RC3 (NA)

com.weiglewilczek.scala–lang–osgi:scala–library_2.8.0.RC4 (NA)

com.weiglewilczek.scala–lang–osgi:scala–library_2.8.0.RC5 (NA)

com.wizzardo.tools:tools (NA)
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
com/wizzardo/tools/reflection/FieldReflection
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

com.wordnik:swagger−java−dropwizard−sample−app_2.10 (NA)

com.wordnik:swagger−java−dropwizard−sample−app_2.10.0 (NA)

com.wordnik:swagger−java−dropwizard−sample−app_2.9.1 (NA)

com.yammer.backups:backups−service (NA)

com.yammer.breakerbox:breakerbox−service (NA)

com.yammer.telemetry:telemetry−example (NA)

com.yammer.telemetry:telemetry−service (NA)

com.zaxxer:nuprocess (NA)
Get
Offset
1.00
0.75
0.50
0.25
0.00
call sites
com/zaxxer/nuprocess/internal/UnsafeHelper
getLong
objectFieldOffset
Methods

com.zulily.dropship:dropship (NA)

de.eleon:console−builder−example (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

de.greenrobot:java−common (NA)
Array
Get
de/greenrobot/common/PrimitiveArrayUtils$UnsafeImpl
call sites
0
1
2
3
4
arrayBaseOffset
getInt
getLong
Methods

de.matrixweb.smaller:ant−standalone (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

de.matrixweb.smaller:servlet (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

de.matrixweb.smaller:smaller−dev−server (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

de.matrixweb.smaller:standalone (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

de.sfb876:fact−tools (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

edu.washington.cs.types.checker:checker−annotated−jdk7 (NA)
Offset
Put Volatile
Throw
NA
java/lang/Class
java/util/Random
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putObjectVolatile
throwException
getUnsafe
Methods

edu.washington.cs.types.checker:checker−annotated−jdk8 (NA)
Offset
Put
Put Volatile
Throw
NA
java/io/File
java/lang/Class
java/util/Random
call sites
2.0
1.5
1.0
0.5
0.0
objectFieldOffset
putObject
putIntVolatile
putObjectVolatile
throwException
getUnsafe
Methods

edu.washington.cs.types.checker:checker−annotated−openjdk7 (NA)
Offset
Put Volatile
Throw
NA
java/lang/Class
java/util/Random
call sites
1.00
0.75
0.50
0.25
0.00
objectFieldOffset
putObjectVolatile
throwException
getUnsafe
Methods

es.ehu.si.ixa:ixa−pipe−nerc (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

es.ehu.si.ixa:ixa−pipe−pos (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

es.ehu.si.ixa:ixa−pipe−tok (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

es.usc.citius.hipster:hipster−all (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

eu.agrosense.apps:launcher (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
groovyx/gpars/extra166y/CustomConcurrentHashMap
jsr166y/ForkJoinPool
jsr166y/ForkJoinTask
jsr166y/ForkJoinWorkerThread
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
jsr166y/Phaser
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObjectVolatile
objectFieldOffset
unpark
putObject
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

guru.nidi.raml:raml−tester−proxy (NA)

hm.binkley:binkley−util (NA)
Throw
hm/binkley/util/stream/CheckedStream$ParallelCheckedStream
hm/binkley/util/stream/CheckedStream$StreamException
call sites
2.0
1.5
1.0
0.5
0.0
throwException
Methods

io.fabric8.insight:insight−rhq−metrics (NA)

io.fabric8:apmagent−project (NA)

io.fabric8:fabric−client (NA)

io.fabric8:fabric8−apm (NA)

io.fabric8:tooling−fabric−all (NA)

io.github.rmuhamedgaliev.yams:YAMS (NA)

io.joynr.java.messaging.bounceproxy:bounceproxy−standalone (NA)

io.protostuff:protostuff−uberjar (NA)

io.restx:restx−annotation−processors−package (NA)

io.searchbox:jest−droid (NA)

io.skullabs.trip:sample (NA)

io.undertow:undertow−examples (NA)

jp.co.worksap.oss:findbugs−plugin (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

jp.co.worksap.workspace:hideyoshi−cli (NA)

jp.skypencil.findbugs.slf4j:bug−pattern (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

me.cmoz.grizzly:grizzly−blink (NA)
Array
Get
Off−Heap
Put
com/pantor/blink/DirectBuf
call sites
0
10
20
30
40
arrayBaseOffset
getByte
copyMemory
setMemory
putByte
Methods

net.bytebuddy:byte−buddy−benchmark (NA)

net.dongliu.cache:direct−cache (NA)
Array
CAS
Get
Off−Heap
Offset
call sites
2.0
1.5
1.0
0.5
0.0
net/dongliu/direct/utils/U
arrayBaseOffset
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
allocateMemory
copyMemory
freeMemory
reallocateMemory
objectFieldOffset
Methods

net.dongliu:direct−cache (NA)
Alloc
Array
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Throw
net/dongliu/direct/serialization/UnsafeDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$BooleanFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$ByteFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$CharFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$DoubleFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$FloatFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$IntFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$LongFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$ObjectFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$ShortFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$SqlDateFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$SqlTimeFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$SqlTimestampFieldDeserializer
net/dongliu/direct/serialization/UnsafeDeserializer$StringFieldDeserializer
net/dongliu/direct/serialization/UnsafeSerializer$BooleanFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$ByteFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$CharFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$DateFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$DoubleFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$FloatFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$IntFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$LongFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$ObjectFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$ShortFieldSerializer
net/dongliu/direct/serialization/UnsafeSerializer$StringFieldSerializer
net/dongliu/direct/utils/UNSAFE
call sites
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
throwException
Methods

net.magik6k:bitbuffer (NA)
Get
Off−Heap
Put
net/magik6k/bitbuffer/DirectBitBuffer
net/magik6k/bitbuffer/DirectBitBuffer$Deallocator
call sites
2.0
1.5
1.0
0.5
0.0
getByte
allocateMemory
freeMemory
reallocateMemory
setMemory
putByte
Methods

net.maritimecloud.mms:mc−mms−server (NA)
Array
Put Lazy
NA
net/maritimecloud/mms/server/util/CustomConcurrentHashMap
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
putOrderedObject
getUnsafe
Methods

net.maritimecloud.mms:mc−mms−server−standalone (NA)

call sites

call sites

call sites

net.openhft:zero−allocation−hashing (NA)
Array
Get
Offset
net/openhft/hashing/HotSpotPrior7u6StringHash
net/openhft/hashing/LongHashFunction
net/openhft/hashing/ModernHotSpotStringHash
net/openhft/hashing/UnsafeAccess
call sites
0
2
4
6
arrayBaseOffset
getByte
getInt
getLong
getObject
getShort
objectFieldOffset
Methods

net.oschina.j2cache:j2cache (NA)

net.roboconf:roboconf−iaas−docker (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putObjectVolatile
getUnsafe
Methods

net.roboconf:roboconf−target−docker (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putObjectVolatile
getUnsafe
Methods

net.scattersphere:scattersphere−cli (NA)
Alloc
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
org/nustaq/offheap/bytez/malloc/MallocBytez
org/nustaq/offheap/bytez/malloc/MallocBytezAllocator
org/nustaq/offheap/bytez/onheap/HeapBytez
org/nustaq/offheap/structs/FSTStructAllocator
org/nustaq/offheap/structs/unsafeimpl/FSTStructFactory
org/nustaq/serialization/FSTClazzInfo
org/nustaq/serialization/FSTClazzInfo$FSTFieldInfo
org/nustaq/serialization/util/FSTUtil
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getCharVolatile
getDoubleVolatile
getFloatVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
getShortVolatile
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
park
unpark
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putByteVolatile
putCharVolatile
putDoubleVolatile
putFloatVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
putShortVolatile
throwException
getUnsafe
Methods

net.sf.sociaal:lwjgl (NA)
Get
Offset
org/lwjgl/MemoryUtilSun$AccessorUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

net.sf.sparql−query−bm:cmd (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

net.sourceforge.owlapi:owlapi−compatibility (NA)

net.sourceforge.owlapi:owlapi−contract (NA)

net.sourceforge.owlapi:owlapi−fixers (NA)

net.sourceforge.owlapi:owlapi−oboformat (NA)

net.sourceforge.owlapi:owlapi−osgidistribution (NA)

net.sourceforge.owlapi:owlapi−rio (NA)

net.sourceforge.owlapi:owlapi−tools (NA)

net.sourceforge.streamsupport:streamsupport (NA)

net.sourceforge.web−harvest:webharvest−ide (NA)

net.virtual−void:futures−backport_2.9.2 (NA)
CAS
Offset
scala/concurrent/impl/AbstractPromise
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

net.vvakame:blazdb−apt (NA)
Class
org/mvel2/util/JITClassLoader
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
Methods

net.wetheinter:xapi−dev (NA)
Array
Get
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getLong
Methods

nl.grons:sentries_2.10 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

nl.grons:sentries_2.11 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

nl.grons:sentries_2.9.1 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

nl.grons:sentries_2.9.1−1 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

nl.grons:sentries_2.9.2 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

nl.grons:sentries_2.9.3 (NA)
CAS
Offset
NA
nl/grons/sentries/support/Striped64
nl/grons/sentries/support/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

openejb:xstream−PATCH (NA)
Get
Offset
Put
2.0
1.5
1.0
0.5
0.0
call sites
com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.androidtransfuse:transfuse (NA)
Array
CAS
Get
Offset
NA
org/androidtransfuse/guava/cache/Striped64
org/androidtransfuse/guava/cache/Striped64$Cell
org/androidtransfuse/guava/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.apache−extras.camel−extra:camel−example−rcode (NA)

org.apache.bigtop.itest:fat−smoke (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
call sites
akka/actor/AbstractActorRef
akka/actor/LightArrayRevolverScheduler$
akka/actor/LightArrayRevolverScheduler$TaskHolder
akka/actor/RepointableActorRef
akka/actor/dungeon/AbstractActorCell
akka/actor/dungeon/Children$class
akka/actor/dungeon/Dispatch$class
akka/dispatch/AbstractMailbox
akka/dispatch/AbstractMessageDispatcher
akka/dispatch/AbstractNodeQueue
akka/dispatch/AbstractNodeQueue$Node
akka/dispatch/Mailbox
akka/dispatch/MessageDispatcher
akka/pattern/AbstractCircuitBreaker
akka/pattern/AbstractPromiseActorRef
akka/pattern/CircuitBreaker
akka/pattern/PromiseActorRef
akka/util/internal/HashedWheelTimer$HashedWheelTimeout
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/ning/compress/lzf/impl/UnsafeChunkDecoder
com/ning/compress/lzf/impl/UnsafeChunkEncoder
com/ning/compress/lzf/impl/UnsafeChunkEncoderBE
com/ning/compress/lzf/impl/UnsafeChunkEncoderLE
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
org/apache/hadoop/hbase/util/Bytes$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/hdfs/ShortCircuitShm$Slot
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
copyMemory
pageSize
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putIntVolatile
putObjectVolatile
throwException
getUnsafe
Methods

org.apache.curator:curator−x−rpc (NA)

org.apache.isis.viewer:dnd−tck (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.apache.isis.viewer:html−tck (NA)

org.apache.jackrabbit:oak−run (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
groovy/json/internal/FastStringUtils
groovy/json/internal/FastStringUtils$StringImplementation$1
groovy/json/internal/FastStringUtils$StringImplementation$2
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

org.apache.jackrabbit:oak−tarmk−failover (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

org.apache.marmotta:marmotta−loader−berkeley (NA)

org.apache.marmotta:marmotta−loader−hbase (NA)

org.apache.marmotta:marmotta−loader−kiwi (NA)

org.apache.servicemix.bundles:org.apache.servicemix.bundles.drools (NA)

vicemix.bundles:org.apache.servicemix.bundles.gae (NA)
Alloc
Array
Get
Put
NA
com/google/appengine/labs/repackaged/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/google/appengine/repackaged/com/google/common/hash/LittleEndianByteArray$UnsafeByteArray
com/google/appengine/repackaged/com/google/common/hash/LittleEndianByteArray$UnsafeByteArray$1
com/google/appengine/repackaged/com/google/common/hash/LittleEndianByteArray$UnsafeByteArray$2
com/google/appengine/repackaged/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/google/apphosting/api/ReflectionUtils
call sites
2.0
1.5
1.0
0.5
0.0
allocateInstance
arrayBaseOffset
arrayIndexScale
getLong
putLong
getUnsafe
Methods

g.apache.servicemix.bundles:org.apache.servicemix.bundles.guava (NA)

.servicemix.bundles:org.apache.servicemix.bundles.gwt–dev (NA)

servicemix.bundles:org.apache.servicemix.bundles.gwt–servlet (NA)

org.apache.servicemix.bundles:org.apache.servicemix.bundles.gwt–user (NA)

pache.servicemix.bundles:org.apache.servicemix.bundles.hadoop−client (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Put Volatile
org/apache/hadoop/hdfs/shortcircuit/ShortCircuitShm$Slot
org/apache/hadoop/io/FastByteComparisons$LexicographicalComparerHolder$UnsafeComparer
org/apache/hadoop/io/nativeio/NativeIO
call sites
0
2
4
6
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getLong
getLongVolatile
pageSize
putLongVolatile
Methods

org.apache.servicemix.bundles:org.apache.servicemix.bundles.hbase (NA)

org.apache.servicemix.bundles:org.apache.servicemix.bundles.hystrix (NA)

org.apache.servicemix.bundles:org.apache.servicemix.bundles.jruby (NA)
Array
Get
Off−Heap
Put
Throw
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/util/StringSupport
org/jruby/util/unsafe/SunUnsafeWrapper
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
getAddress
putAddress
setMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
throwException
Methods

org.apache.servicemix.bundles:org.apache.servicemix.bundles.mvel (NA)

org.apache.servicemix.bundles:org.apache.servicemix.bundles.neo4j (NA)
Throw
1.00
0.75
0.50
0.25
0.00
call sites
org/neo4j/helpers/collection/ExceptionHandlingIterable
throwException
Methods

org.apache.servicemix.bundles:org.apache.servicemix.bundles.scala–library (NA)

org.apache.servicemix.bundles:org.apache.servicemix.bundles.xstream–1.2.2 (NA)

org.apache.shindig:shindig−uber (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/apache/shindig/internal/cgc/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.apache.sling:org.apache.sling.extensions.gwt.servlet (NA)

org.apache.stanbol:org.apache.stanbol.entityhub.indexing.dblp (NA)

org.apache.stanbol:org.apache.stanbol.entityhub.indexing.dbpedia (NA)

org.apache.stanbol:org.apache.stanbol.entityhub.indexing.freebase (NA)

rg.apache.stanbol:org.apache.stanbol.entityhub.indexing.genericrdf (NA)

rg.apache.stanbol:org.apache.stanbol.entityhub.indexing.geonames (NA)

org.asciidoctor:asciidoctor−ant (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/StringSupport
org/jruby/util/encoding/CharsetTranscoder
org/jruby/util/unsafe/UnsafeHolder
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
Methods

org.atmosphere.samples:atmosphere−spade−chat (NA)
CAS
Offset
Put
Put Lazy
NA
maskedclasses/ConcurrentLinkedQueue
maskedclasses/ConcurrentLinkedQueue$Node
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
getUnsafe
Methods

org.atmosphere:atmosphere−spade−server (NA)
CAS
Offset
Put
Put Lazy
NA
maskedclasses/ConcurrentLinkedQueue
maskedclasses/ConcurrentLinkedQueue$Node
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
getUnsafe
Methods

org.axway.grapes:grapes−server (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.batoo.common:batoo−common (NA)
Get
Offset
Put
call sites
2.0
1.5
1.0
0.5
0.0
org/batoo/common/reflect/UnsafeFieldAccessor
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.brutusin:json−codec−jackson (NA)
Array
CAS
Get
Offset
NA
org/brutusin/com/google/common/cache/Striped64
org/brutusin/com/google/common/cache/Striped64$Cell
org/brutusin/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.codehaus.cake.forkjoin:cake−forkjoin (NA)
Array
CAS
Offset
Throw
NA
org/codehaus/cake/forkjoin/ForkJoinTask
org/codehaus/cake/forkjoin/ForkJoinWorkerThread
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
throwException
getUnsafe
Methods

org.codehaus.cake.internal:cake−forkjoin (NA)
Array
CAS
Offset
Throw
NA
org/codehaus/cake/forkjoin/ForkJoinTask
org/codehaus/cake/forkjoin/ForkJoinWorkerThread
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
throwException
getUnsafe
Methods

org.codehaus.mvel:mvel (NA)
Alloc
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/mvel/tests/perftests/SimpleTests
allocateInstance
objectFieldOffset
putBoolean
Methods

org.codehaus.sonar−plugins.css:sslr−css−toolkit (NA)

org.codehaus.sonar–plugins.dotnet.csharp:sslr–csharp–toolkit (NA)

org.codehaus.sonar–plugins.erlang:sslr–erlang–toolkit (NA)

org.codehaus.sonar−plugins.flex:sslr−flex−toolkit (NA)

org.codehaus.sonar−plugins.java:sslr−java−toolkit (NA)

org.codehaus.sonar−plugins.javascript:sslr−javascript−toolkit (NA)

org.codehaus.sonar–plugins.php:sslr–php–toolkit (NA)

org.codehaus.sonar−plugins.python:sslr−python−toolkit (NA)

org.codehaus.sonar−plugins.xml:sslr−xml−toolkit (NA)

org.codehaus.sonar−plugins:sonar−ant−task (NA)

org.commonjava.freeki:freeki–vertx–server (NA)
Array
CAS
Get
Get Volatile
Off–Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

org.eclipse.californium:cf−plugtest−checker (NA)

org.eclipse.californium:cf−proxy (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.ehcache:sizeof (NA)
Array
Offset
1.00
0.75
0.50
0.25
0.00
call sites
org/ehcache/sizeof/impl/UnsafeSizeOf
arrayBaseOffset
arrayIndexScale
objectFieldOffset
Methods

org.esigate:esigate−server (NA)
CAS
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.fcrepo.camel:fcrepo−camel (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.finra.datagenerator:DataGenerator (NA)

org.friendularity:org.friendularity.model.test (NA)
Get
Offset
org/lwjgl/MemoryUtilSun$AccessorUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

org.fusesource.fabric.bridge:stream−log (NA)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

org.glassfish.extras:glassfish−embedded−nucleus (NA)
Class
NA
com/sun/btrace/BTraceRuntime
call sites
1.00
0.75
0.50
0.25
0.00
defineClass
ensureClassInitialized
getUnsafe
Methods

org.glassfish.main.extras:glassfish−embedded−nucleus (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

org.glassfish.tyrus.bundles:tyrus−standalone−client (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

org.glassfish.tyrus.ext:tyrus−client−cli (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/glassfish/grizzly/utils/ConcurrentHashMapV8
org/glassfish/grizzly/utils/ConcurrentHashMapV8$TreeBin
org/glassfish/grizzly/utils/LinkedTransferQueue
org/glassfish/grizzly/utils/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

org.graphwalker:graphwalker (NA)
CAS
Offset
Put
NA
org/jboss/netty/util/internal/LinkedTransferQueue
org/jboss/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

org.graphwalker:graphwalker−cli (NA)

org.graylog2:graylog2 (NA)
Alloc
Array
CAS
Get
Get Volatile
Off-Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
call sites
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/lmax/disruptor/MultiProducerSequencer
com/lmax/disruptor/RingBufferFields
com/lmax/disruptor/Sequence
com/thoughtworks/xstream/converters/reflection/SunLimitedUnsafeReflectionProvider
com/thoughtworks/xstream/converters/reflection/SunUnsafeReflectionProvider
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/UnsafeAtomicIntegerFieldUpdater
io/netty/util/internal/UnsafeAtomicLongFieldUpdater
io/netty/util/internal/UnsafeAtomicReferenceFieldUpdater
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
jersey/repackaged/com/google/common/cache/Striped64
jersey/repackaged/com/google/common/cache/Striped64$Cell
org/cliffc/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc/high_scale_lib/NonBlockingHashMap
org/cliffc/high_scale_lib/NonBlockingHashMapLong
org/cliffc/high_scale_lib/NonBlockingHashMapLong$CHM
org/cliffc/high_scale_lib/NonBlockingHashtable
org/cliffc/high_scale_lib/NonBlockingIdentityHashMap
org/cliffc/high_scale_lib/NonBlockingSetInt
org/cliffc/high_scale_lib/NonBlockingSetInt$NBSI
org/cliffc/high_scale_lib/UtilUnsafe
org/elasticsearch/common/cache/Striped64
org/elasticsearch/common/cache/Striped64$Cell
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkDecoder
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoder
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoderBE
org/elasticsearch/common/compress/lzf/impl/UnsafeChunkEncoderLE
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8
org/elasticsearch/common/util/concurrent/jsr166e/ConcurrentHashMapV8$TreeBin
org/elasticsearch/common/util/concurrent/jsr166e/CountedCompleter
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinPool
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinPool$WorkQueue
org/elasticsearch/common/util/concurrent/jsr166e/ForkJoinTask
org/elasticsearch/common/util/concurrent/jsr166e/Striped64
org/elasticsearch/common/util/concurrent/jsr166e/Striped64$Cell
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getIntVolatile
getLongVolatile
getObjectVolatile
addressSize
allocateMemory
copyMemory
freeMemory
objectFieldOffset
park
unpark
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedLong
putOrderedObject
putIntVolatile
putLongVolatile
putObjectVolatile
throwException
getUnsafe
Methods

org.graylog2:graylog2−bootstrap (NA)

org.gridgain:gridgain−datagrid (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

org.gridgain:gridgain−hadoop1 (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

org.gridgain:gridgain−hadoop1−integration (NA)
Get
Off−Heap
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/gridgain/grid/kernal/processors/hadoop/shuffle/GridHadoopShuffleJob$UnsafeValue
org/gridgain/grid/kernal/processors/hadoop/shuffle/GridHadoopShuffleMessage
org/gridgain/grid/kernal/processors/hadoop/shuffle/streams/GridHadoopDataOutStream
getInt
copyMemory
putInt
Methods

org.gridgain:gridgain−hadoop2 (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
0
5
10
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

org.gridgain:gridgain−hadoop2−integration (NA)

org.gridgain:gridgain−hpc (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
0
5
10
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe
Methods

org.gridgain:gridgain−platform (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

org.gridgain:gridgain−streaming (NA)
Alloc
Array
CAS
Get
Get Volatile
Monitor
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
org/gridgain/grid/kernal/processors/cache/GridCacheEvictionManager
org/gridgain/grid/kernal/processors/cache/distributed/dht/atomic/GridDhtAtomicCache
org/gridgain/grid/kernal/processors/cache/local/atomic/GridLocalAtomicCache
org/gridgain/grid/marshaller/optimized/GridOptimizedClassDescriptor
org/gridgain/grid/marshaller/optimized/GridOptimizedMarshallerUtils
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectInputStream
org/gridgain/grid/marshaller/optimized/GridOptimizedObjectOutputStream$HandleTable
org/gridgain/grid/util/GridSpinReadWriteLock
org/gridgain/grid/util/GridUnsafe
org/gridgain/grid/util/GridUtils
org/gridgain/grid/util/direct/GridTcpCommunicationMessageState
org/gridgain/grid/util/io/GridUnsafeDataInput
org/gridgain/grid/util/io/GridUnsafeDataOutput
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory
org/gridgain/grid/util/offheap/unsafe/GridUnsafeMemory$Operation
org/jdk8/backport/ConcurrentHashMap8
org/jdk8/backport/ConcurrentHashMap8$Node
org/jdk8/backport/ConcurrentLinkedDeque8
org/jdk8/backport/ConcurrentLinkedDeque8$Node
org/jdk8/backport/Striped64
org/jdk8/backport/Striped64$Cell
call sites
Methods
allocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
getByteVolatile
getIntVolatile
getLongVolatile
getObjectVolatile
monitorEnter
monitorExit
addressSize
allocateMemory
copyMemory
freeMemory
setMemory
objectFieldOffset
staticFieldBase
staticFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
putOrderedObject
putByteVolatile
putIntVolatile
putLongVolatile
putObjectVolatile
getUnsafe

org.infinispan:infinispan−cachestore−mongodb (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/util/concurrent/jdk8backported/Striped64
org/infinispan/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.infinispan:infinispan−cli (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/infinispan/commons/util/concurrent/jdk8backported/CountedCompleter
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8
org/infinispan/commons/util/concurrent/jdk8backported/EquivalentConcurrentHashMapV8$TreeBin
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinPool$WorkQueue
org/infinispan/commons/util/concurrent/jdk8backported/ForkJoinTask
org/infinispan/commons/util/concurrent/jdk8backported/Striped64
org/infinispan/commons/util/concurrent/jdk8backported/Striped64$Cell
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.jadira.cloning:cloning (NA)
Alloc
Array
Get
Off−Heap
Offset
Put
org/jadira/cloning/unsafe/UnsafeOperations
call sites
0
1
2
3
4
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
allocateMemory
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.jadira.reflection.cloning:cloning (NA)
Alloc
Array
Get
Off−Heap
Offset
Put
org/jadira/reflection/access/unsafe/UnsafeOperations
call sites
0
1
2
3
4
5
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
allocateMemory
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.jboss.errai.io.netty:netty−common (NA)
CAS
Offset
Put
NA
io/netty/util/internal/LinkedTransferQueue
io/netty/util/internal/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
getUnsafe
Methods

org.jboss.spec:jboss−javaee−all−6.0 (NA)
Get
Offset
Put
Throw
org/jboss/sun/corba/Bridge
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
throwException
Methods

org.jcoffee:elasticsearch−orm (NA)
Alloc
Get
Offset
Put
1.00
0.75
0.50
0.25
0.00
call sites
org/jcoffee/orm/UnsafeMemory
allocateInstance
getObject
objectFieldOffset
putObject
Methods

org.jcoffee:serialization−unsafe (NA)
Alloc
Array
Get
Off−Heap
Offset
Put
org/jcoffee/serialization/UnsafeMemory
call sites
0
5
10
15
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.jfaster:mango (NA)
CAS
Offset
NA
org/jfaster/mango/util/concurrent/atomic/Striped64
org/jfaster/mango/util/concurrent/atomic/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.jogamp.jocl:jocl−android (NA)
Get
Offset
com/jogamp/opencl/InternalBufferUtil
call sites
1.00
0.75
0.50
0.25
0.00
getLong
objectFieldOffset
Methods

org.jpmml:bundle (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.kaazing:nuklei−core (NA)
Array
CAS
Fetch & Add
Get Volatile
Offset
Put Lazy
org/kaazing/nuklei/concurrent/MpscArrayBuffer
call sites
0
1
2
3
4
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getAndAddLong
getObjectVolatile
objectFieldOffset
putOrderedLong
putOrderedObject
Methods

org.kevoree.modeling:org.kevoree.modeling.generator.standalone (NA)

org.kevoree.modeling:org.kevoree.modeling.kotlin.standalone (NA)
Array
CAS
Get Volatile
Offset
Put Lazy
Put Volatile
NA
com/intellij/util/concurrency/AtomicFieldUpdater
com/intellij/util/containers/ConcurrentHashMap
com/intellij/util/containers/ConcurrentHashMap$TreeBin
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putOrderedInt
putObjectVolatile
getUnsafe
Methods

org.kevoree.tools:org.kevoree.tools.ui.editor.standalone (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

org.kie:kie−ci−osgi (NA)
Array
CAS
Get
Offset
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.kill−bill.billing.plugin.java:accertify−plugin (NA)

org.kill−bill.billing.plugin.java:adyen−plugin (NA)

org.kill–bill.billing.plugin.java:analytics–plugin (NA)

org.kill−bill.billing.plugin.java:forte−plugin (NA)

org.kill−bill.billing:killbill−osgi−bundles−jruby (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyEncoding
org/jruby/runtime/ivars/StampedVariableAccessor
org/jruby/runtime/ivars/VariableTableManager
org/jruby/util/StringSupport
org/jruby/util/encoding/CharsetTranscoder
org/jruby/util/unsafe/UnsafeHolder
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.kill−bill.billing:killbill−platform−osgi−bundles−jruby (NA)

org.kitesdk:kite−data−crunch (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
org/kitesdk/shaded/com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.liquigraph:liquigraph−cli (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getLong
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
getUnsafe
Methods

org.mapdb:mapdb−unsafe (NA)
Array
Get
Off−Heap
Put
org/mapdb/unsafe/UnsafeVolume
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
getByte
getInt
getLong
allocateMemory
copyMemory
freeMemory
putByte
putInt
putLong
Methods

org.mapfish.print:print−standalone (NA)
Array
CAS
Get
Offset
NA
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getLong
objectFieldOffset
getUnsafe
Methods

org.mk300:minimum−marshaller (NA)
Alloc
Array
Get
Offset
Put
org/mk300/marshal/common/TheUnsafe
org/mk300/marshal/common/UnsafeFieldAccessor
org/mk300/marshal/minimum/handler/ObjectHandler
call sites
1.00
0.75
0.50
0.25
0.00
allocateInstance
arrayBaseOffset
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.multiverse:multiverse−beta (NA)
Array
CAS
Get Volatile
Offset
Put Volatile
NA
org/multiverse/sensors/StripedCounter
org/multiverse/stms/beta/orec/FastOrec
org/multiverse/stms/beta/transactionalobjects/VeryAbstractBetaTransactionalObject
org/multiverse/utils/ToolUnsafe
call sites
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
compareAndSwapObject
getLongVolatile
objectFieldOffset
putLongVolatile
getUnsafe
Methods

org.multiverse:multiverse−performance−tool (NA)
Array
CAS
NA
org/multiverse/performancetool/CliffCounter$CAT
org/multiverse/performancetool/UtilUnsafe
call sites
1.00
0.75
0.50
0.25
0.00
arrayBaseOffset
arrayIndexScale
compareAndSwapLong
getUnsafe
Methods

org.netmelody.menodora:menodora (NA)

org.nightcode:bertool (NA)
Array
Get
Off−Heap
Put
org/nightcode/tools/ber/BerBuffer
call sites
0
1
2
3
4
arrayBaseOffset
getByte
copyMemory
putByte
Methods

org.nosceon.natrolite:natrolite (NA)
CAS
Offset
org/nosceon/natrolite/AbstractPromise
call sites
1.00
0.75
0.50
0.25
0.00
compareAndSwapObject
objectFieldOffset
Methods

org.ocpsoft.redoculous:redoculous−embedded (NA)
Array
CAS
Fence
Get
Get Volatile
Off−Heap
Offset
Put
Put Lazy
Put Volatile
Throw
com/kenai/jffi/MemoryIO$UnsafeImpl
com/kenai/jffi/MemoryIO$UnsafeImpl32
com/kenai/jffi/MemoryIO$UnsafeImpl64
org/jruby/RubyBasicObject
org/jruby/util/StringSupport
org/jruby/util/unsafe/SunUnsafeWrapper
org/jruby/util/unsafe/UnsafeHolder
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
fullFence
loadFence
storeFence
getByte
getDouble
getFloat
getInt
getLong
getShort
getObjectVolatile
copyMemory
setMemory
objectFieldOffset
putByte
putDouble
putFloat
putInt
putLong
putShort
putOrderedObject
putObjectVolatile
throwException
Methods

org.onosproject:onos−app−oecfg (NA)
Alloc
Array
CAS
Get
Off−Heap
Offset
Put
NA
call sites
com/codahale/metrics/Striped64
com/codahale/metrics/Striped64$Cell
com/esotericsoftware/kryo/io/UnsafeInput
com/esotericsoftware/kryo/io/UnsafeMemoryInput
com/esotericsoftware/kryo/io/UnsafeMemoryOutput
com/esotericsoftware/kryo/io/UnsafeOutput
com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeBooleanField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeByteField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeCharField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeDoubleField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeFloatField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeIntField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeLongField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeObjectField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeRegionField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeShortField
com/esotericsoftware/kryo/serializers/UnsafeCacheFields$UnsafeStringField
com/esotericsoftware/kryo/util/UnsafeUtil
com/esotericsoftware/kryo/util/UnsafeUtil$1
com/google/common/cache/Striped64
com/google/common/cache/Striped64$Cell
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
org/objenesis/instantiator/sun/UnsafeFactoryInstantiator
ocateInstance
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
addressSize
copyMemory
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
getUnsafe
Methods

org.openengsb.wrapped:com.google.guava–all (NA)

org.openengsb.wrapped:org.apache.wicket−all (NA)
Get
Offset
Put
org/apache/wicket/util/io/ClassStreamHandler
org/apache/wicket/util/io/ClassStreamHandler$BooleanFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ByteFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$CharFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$DoubleFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$FloatFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$IntFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$LongFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ObjectFieldAndIndex
org/apache/wicket/util/io/ClassStreamHandler$ShortFieldAndIndex
call sites
1.00
0.75
0.50
0.25
0.00
getBoolean
getByte
getChar
getDouble
getFloat
getInt
getLong
getObject
getShort
objectFieldOffset
putBoolean
putByte
putChar
putDouble
putFloat
putInt
putLong
putObject
putShort
Methods

org.ops4j.pax.tipi:org.ops4j.pax.tipi.undertow.core (NA)

org.osiam:connector4java (NA)
Array
CAS
Get Volatile
Offset
Put
Put Lazy
Put Volatile
NA
org/osiam/bundled/jersey/repackaged/com/google/common/cache/Striped64
org/osiam/bundled/jersey/repackaged/com/google/common/cache/Striped64$Cell
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/ConcurrentHashMapV8$TreeBin
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/LinkedTransferQueue
org/osiam/bundled/org/glassfish/jersey/internal/util/collection/LinkedTransferQueue$Node
call sites
12.5
10.0
7.5
5.0
2.5
0.0
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObjectVolatile
objectFieldOffset
putObject
putOrderedInt
putObjectVolatile
getUnsafe
Methods

org.ow2.bundles:ow2–bundles–externals–weld (NA)

org.ow2.util.bundles:weld−1.1.10.Final (NA)

org.safehaus.jettyjam:https (NA)
Array
Get
2.0
1.5
1.0
0.5
0.0
call sites
com/google/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
arrayBaseOffset
arrayIndexScale
getLong
Methods

org.scala−lang.modules:scala−pickling_2.10 (NA)
Alloc
Array
Get
Off−Heap
Put
scala/pickling/binary/BinaryInput
scala/pickling/binary/BinaryOutput
scala/pickling/binary/ByteArrayInput
scala/pickling/binary/FastByteArrayOutput
scala/pickling/binary/FastByteArrayOutput$$anonfun$result$2
scala/pickling/binary/FixedByteArrayOutput
scala/pickling/binary/UnsafeMemory$
scala/pickling/runtime/InterpretedUnpicklerRuntime$$anon$4
scala/pickling/runtime/ShareNothingInterpretedUnpicklerRuntime$$anon$5
call sites
0
2
4
6
8
allocateInstance
arrayBaseOffset
getInt
copyMemory
putInt
Methods

org.scala−lang.modules:scala−pickling_2.11 (NA)
Alloc
Array
Get
Off−Heap
Put
scala/pickling/binary/BinaryInput
scala/pickling/binary/BinaryOutput
scala/pickling/binary/ByteArrayInput
scala/pickling/binary/FastByteArrayOutput
scala/pickling/binary/FastByteArrayOutput$$anonfun$result$2
scala/pickling/binary/FixedByteArrayOutput
scala/pickling/binary/UnsafeMemory$
scala/pickling/runtime/InterpretedUnpicklerRuntime$$anon$4
scala/pickling/runtime/ShareNothingInterpretedUnpicklerRuntime$$anon$5
call sites
0
2
4
6
8
allocateInstance
arrayBaseOffset
getInt
copyMemory
putInt
Methods

org.securegraph:securegraph−inmemory (NA)

org.skfiy:skfiy−utils (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
NA
org/skfiy/util/v8/CompletableFuture
org/skfiy/util/v8/CompletableFuture$ComposeCompletion
org/skfiy/util/v8/ConcurrentHashMapV8
org/skfiy/util/v8/CountedCompleter
org/skfiy/util/v8/ForkJoinPool
org/skfiy/util/v8/ForkJoinPool$WorkQueue
org/skfiy/util/v8/ForkJoinTask
org/skfiy/util/v8/StampedLock
org/skfiy/util/v8/Striped64
org/skfiy/util/v8/Striped64$Cell
org/skfiy/util/v8/extra/AtomicDouble
org/skfiy/util/v8/extra/AtomicDoubleArray
call sites
0
10
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getLongVolatile
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedInt
putOrderedLong
putOrderedObject
putLongVolatile
putObjectVolatile
getUnsafe
Methods

org.smallmind:smallmind−websocket (NA)
Array
CAS
Offset
Put Lazy
Put Volatile
Throw
NA
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/ForkJoinWorkerThread
scala/concurrent/forkjoin/LinkedTransferQueue
call sites
0
1
2
3
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
objectFieldOffset
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

org.storychat:org.storychat.bundle.glulx (NA)
Array
CAS
Get
Get Volatile
Offset
Park
Put
Put Lazy
Put Volatile
scala/concurrent/forkjoin/CountedCompleter
scala/concurrent/forkjoin/ForkJoinPool
scala/concurrent/forkjoin/ForkJoinPool$WorkQueue
scala/concurrent/forkjoin/ForkJoinTask
scala/concurrent/forkjoin/LinkedTransferQueue
scala/concurrent/forkjoin/LinkedTransferQueue$Node
scala/concurrent/impl/AbstractPromise
call sites
0
5
10
15
20
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getObject
getObjectVolatile
objectFieldOffset
park
unpark
putObject
putOrderedObject
putObjectVolatile
Methods

org.testatoo.container:testatoo−container−grizzly (NA)
CAS
Offset
Put
Put Lazy
NA
maskedclasses/ConcurrentLinkedQueue
maskedclasses/ConcurrentLinkedQueue$Node
maskedclasses/LinkedTransferQueue
maskedclasses/LinkedTransferQueue$Node
call sites
0
1
2
3
4
compareAndSwapInt
compareAndSwapObject
objectFieldOffset
putObject
putOrderedObject
getUnsafe
Methods

org.voltdb:voltdbclient (NA)
Array
CAS
Get
Off−Heap
Offset
Put
Put Lazy
NA
com/google_voltpatches/common/cache/Striped64
com/google_voltpatches/common/cache/Striped64$Cell
com/google_voltpatches/common/primitives/UnsignedBytes$LexicographicalComparatorHolder$UnsafeComparator
jsr166y/ConcurrentLinkedDeque
jsr166y/ConcurrentLinkedDeque$Node
jsr166y/LinkedTransferQueue
jsr166y/LinkedTransferQueue$Node
org/cliffc_voltpatches/high_scale_lib/ConcurrentAutoTable$CAT
org/cliffc_voltpatches/high_scale_lib/NonBlockingHashMap
org/cliffc_voltpatches/high_scale_lib/UtilUnsafe
org/voltcore/utils/Bits
org/voltdb/client/HashinatorLite
call sites
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
allocateMemory
freeMemory
pageSize
objectFieldOffset
putInt
putObject
putOrderedObject
getUnsafe
Methods

org.wildfly.build:wildfly−server−provisioning−standalone (NA)

org.wildfly:wildfly−client−all (NA)
Array
CAS
Get
Get Volatile
Off−Heap
Offset
Park
Put
Put Lazy
Put Volatile
Throw
NA
io/netty/util/internal/PlatformDependent0
io/netty/util/internal/chmv8/ConcurrentHashMapV8
io/netty/util/internal/chmv8/ConcurrentHashMapV8$TreeBin
io/netty/util/internal/chmv8/CountedCompleter
io/netty/util/internal/chmv8/ForkJoinPool
io/netty/util/internal/chmv8/ForkJoinPool$WorkQueue
io/netty/util/internal/chmv8/ForkJoinTask
io/netty/util/internal/chmv8/Striped64
io/netty/util/internal/chmv8/Striped64$Cell
call sites
0
5
10
15
arrayBaseOffset
arrayIndexScale
compareAndSwapInt
compareAndSwapLong
compareAndSwapObject
getByte
getInt
getLong
getObject
getShort
getObjectVolatile
copyMemory
objectFieldOffset
park
unpark
putByte
putInt
putLong
putObject
putShort
putOrderedInt
putOrderedObject
putObjectVolatile
throwException
getUnsafe
Methods

org.wildfly:wildfly−mod_cluster−undertow (NA)
CAS
Offset
NA
org/wildfly/mod_cluster/undertow/metric/jdk8backported/Striped64
org/wildfly/mod_cluster/undertow/metric/jdk8backported/Striped64$Cell
call sites
2.0
1.5
1.0
0.5
0.0
compareAndSwapInt
compareAndSwapLong
objectFieldOffset
getUnsafe
Methods

org.wisdom−framework:wisdom−orientdb−object (NA)
Array
Get
Off−Heap
Put
org/iq80/snappy/UnsafeMemory
call sites
2.0
1.5
1.0
0.5
0.0
arrayBaseOffset
arrayIndexScale
getByte
getInt
getLong
getShort
copyMemory
putLong
Methods

org.xerial.larray:larray (NA)
Array
Get
Off−Heap
Put
call sites
xerial/larray/LArray$
xerial/larray/LArray$class
xerial/larray/LArrayBuilder
xerial/larray/LBitArray
xerial/larray/LByteArray
xerial/larray/LCharArray
xerial/larray/LDoubleArray
xerial/larray/LFloatArray
xerial/larray/LIntArray
xerial/larray/LLongArray
xerial/larray/LSeq$class
xerial/larray/LShortArray
xerial/larray/MappedLByteArray
xerial/larray/RawByteArray$class
xerial/larray/UInt32Array
xerial/larray/UnsafeUtil$
arrayBaseOffset
arrayIndexScale
getByte
getChar
getDouble
getFloat
getInt
getLong
getShort
addressSize
copyMemory
setMemory
putByte
putChar
putDouble
putFloat
putInt
putLong
putShort
Methods

org.xerial:jnuma (NA)
Off−Heap
xerial/jnuma/NoNuma
call sites
1.00
0.75
0.50
0.25
0.00
allocateMemory
freeMemory
Methods

org.xerial:larray (NA)

uk.co.boundedbuffer:low−latency−primitive−concurrent−queues (NA)
Offset
Put Lazy
uk/co/boundedbuffer/AbstractBlockingQueue
call sites
2.0
1.5
1.0
0.5
0.0
objectFieldOffset
putOrderedInt
Methods

uk.co.real−logic:sbe (NA)
DirectBuffer is a wrapper class of ByteBuffer/byte[] array
Array
Get
Off−Heap
Put
uk/co/real_logic/sbe/codec/java/DirectBuffer
call sites
0
1
2
3
4
arrayBaseOffset
getByte
getDouble
getFloat
getInt
getLong
getShort
copyMemory
putByte
putDouble
putFloat
putInt
putLong
putShort
Methods