

# netty遇到的问题 java.lang.ClassNotFoundException: jdk.internal.misc.Unsafe

原创

qqEN\_ 于 2019-03-13 09:14:15 发布 5011 收藏

版权声明：本文为博主原创文章，遵循 [CC 4.0 BY-SA](https://creativecommons.org/licenses/by-sa/4.0/) 版权协议，转载请附上原文出处链接和本声明。

本文链接：[https://blog.csdn.net/qqEN\\_/article/details/88524454](https://blog.csdn.net/qqEN_/article/details/88524454)

版权

```
"C:\Program Files\Java\jdk1.8.0_161\bin\java" -
agentlib:jdwp=transport=dt_socket,address=127.0.0.1:55506,suspend=y,server=n -Dfile.encoding=UTF-8 -
classpath "C:\Program Files\Java\jdk1.8.0_161\jre\lib\charsets.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\deploy.jar;C:\Program Files\Java\jdk1.8.0_161\jre\lib\ext\access-bridge-
64.jar;C:\Program Files\Java\jdk1.8.0_161\jre\lib\ext\cldrdata.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\dnsns.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\jaccess.jar;C:\Program Files\Java\jdk1.8.0_161\jre\lib\ext\jfxrt.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\localedata.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\nashorn.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\sunec.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\sunjce_provider.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\sunmscapi.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\sunpkcs11.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\ext\zipfs.jar;C:\Program Files\Java\jdk1.8.0_161\jre\lib\javaws.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\jce.jar;C:\Program Files\Java\jdk1.8.0_161\jre\lib\jfr.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\jfxswt.jar;C:\Program Files\Java\jdk1.8.0_161\jre\lib\jsse.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\management-agent.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\plugin.jar;C:\Program Files\Java\jdk1.8.0_161\jre\lib\resources.jar;C:\Program
Files\Java\jdk1.8.0_161\jre\lib\rt.jar;D:\jy\target\classes;E:\Repositories\maven\org\springframework\boot\spring
boot-starter-web\2.1.3.RELEASE\spring-boot-starter-web-
2.1.3.RELEASE.jar;E:\Repositories\maven\org\springframework\boot\spring-boot-
starter\2.1.3.RELEASE\spring-boot-starter-
2.1.3.RELEASE.jar;E:\Repositories\maven\org\springframework\boot\spring-boot\2.1.3.RELEASE\spring-boot-
2.1.3.RELEASE.jar;E:\Repositories\maven\org\springframework\boot\spring-boot-
autoconfigure\2.1.3.RELEASE\spring-boot-autoconfigure-
2.1.3.RELEASE.jar;E:\Repositories\maven\org\springframework\boot\spring-boot-starter-
logging\2.1.3.RELEASE\spring-boot-starter-logging-
2.1.3.RELEASE.jar;E:\Repositories\maven\ch\qos\logback\logback-classic\1.2.3\logback-classic-
1.2.3.jar;E:\Repositories\maven\ch\qos\logback\logback-core\1.2.3\logback-core-
1.2.3.jar;E:\Repositories\maven\org\apache\logging\log4j\log4j-to-slf4j\2.11.2\log4j-to-slf4j-
2.11.2.jar;E:\Repositories\maven\org\apache\logging\log4j\log4j-api\2.11.2\log4j-api-
2.11.2.jar;E:\Repositories\maven\org\slf4j\jul-to-slf4j\1.7.25\jul-to-slf4j-
1.7.25.jar;E:\Repositories\maven\javax\annotation\javax.annotation-api\1.3.2\javax.annotation-api-
1.3.2.jar;E:\Repositories\maven\org\yaml\snakeyaml\1.23\snakeyaml-
1.23.jar;E:\Repositories\maven\org\springframework\boot\spring-boot-starter-json\2.1.3.RELEASE\spring-boot-
starter-json-2.1.3.RELEASE.jar;E:\Repositories\maven\com\fasterxml\jackson\core\jackson-
databind\2.9.8\jackson-databind-2.9.8.jar;E:\Repositories\maven\com\fasterxml\jackson\core\jackson-
annotations\2.9.0\jackson-annotations-2.9.0.jar;E:\Repositories\maven\com\fasterxml\jackson\core\jackson-
core\2.9.8\jackson-core-2.9.8.jar;E:\Repositories\maven\com\fasterxml\jackson\datatype\jackson-datatype-
jdk8\2.9.8\jackson-datatype-jdk8-2.9.8.jar;E:\Repositories\maven\com\fasterxml\jackson\datatype\jackson-
```

datatype-jsr310\2.9.8\jackson-datatype-jsr310-2.9.8.jar;E:\Repositories\maven\com\fastxml\jackson\module\jackson-module-parameter-names\2.9.8\jackson-module-parameter-names-2.9.8.jar;E:\Repositories\maven\org\springframework\boot\spring-boot-starter-tomcat\2.1.3.RELEASE\spring-boot-starter-tomcat-2.1.3.RELEASE.jar;E:\Repositories\maven\org\apache\tomcat\embed\tomcat-embed-core\9.0.16\tomcat-embed-core-9.0.16.jar;E:\Repositories\maven\org\apache\tomcat\embed\tomcat-embed-el\9.0.16\tomcat-embed-el-9.0.16.jar;E:\Repositories\maven\org\apache\tomcat\embed\tomcat-embed-websocket\9.0.16\tomcat-embed-websocket-9.0.16.jar;E:\Repositories\maven\org\hibernate\validator\hibernate-validator\6.0.14.Final\hibernate-validator-6.0.14.Final.jar;E:\Repositories\maven\javax\validation\validation-api\2.0.1.Final\validation-api-2.0.1.Final.jar;E:\Repositories\maven\org\jboss\logging\jboss-logging\3.3.2.Final\jboss-logging-3.3.2.Final.jar;E:\Repositories\maven\com\fastxml\classmate\1.4.0\classmate-1.4.0.jar;E:\Repositories\maven\org\springframework\spring-web\5.1.5.RELEASE\spring-web-5.1.5.RELEASE.jar;E:\Repositories\maven\org\springframework\spring-beans\5.1.5.RELEASE\spring-beans-5.1.5.RELEASE.jar;E:\Repositories\maven\org\springframework\spring-webmvc\5.1.5.RELEASE\spring-webmvc-5.1.5.RELEASE.jar;E:\Repositories\maven\org\springframework\spring-aop\5.1.5.RELEASE\spring-aop-5.1.5.RELEASE.jar;E:\Repositories\maven\org\springframework\spring-context\5.1.5.RELEASE\spring-context-5.1.5.RELEASE.jar;E:\Repositories\maven\org\springframework\spring-expression\5.1.5.RELEASE\spring-expression-5.1.5.RELEASE.jar;E:\Repositories\maven\org\slf4j\slf4j-api\1.7.25\slf4j-api-1.7.25.jar;E:\Repositories\maven\org\springframework\spring-core\5.1.5.RELEASE\spring-core-5.1.5.RELEASE.jar;E:\Repositories\maven\org\springframework\spring-jcl\5.1.5.RELEASE\spring-jcl-5.1.5.RELEASE.jar;E:\Repositories\maven\io\netty\netty-all\4.1.10.Final\netty-all-4.1.10.Final.jar;D:\Program Files\JetBrains\IntelliJ IDEA 2017.1.3\lib\idea\_rt.jar" com.deal.util.netty.TestServer  
Connected to the target VM, address: '127.0.0.1:55506', transport: 'socket'  
09:12:53.580 [main] DEBUG io.netty.util.internal.logging.InternalLoggerFactory - Using SLF4J as the default logging framework  
09:12:53.585 [main] DEBUG io.netty.channel.MultithreadEventLoopGroup - -Dio.netty.eventLoopThreads: 8  
09:12:53.611 [main] DEBUG io.netty.util.internal.PlatformDependent0 - -Dio.netty.noUnsafe: false  
09:12:53.616 [main] DEBUG io.netty.util.internal.PlatformDependent0 - sun.misc.Unsafe.theUnsafe: available  
09:12:53.617 [main] DEBUG io.netty.util.internal.PlatformDependent0 - sun.misc.Unsafe.copyMemory: available  
09:12:53.617 [main] DEBUG io.netty.util.internal.PlatformDependent0 - java.nio.Buffer.address: available  
09:12:53.618 [main] DEBUG io.netty.util.internal.PlatformDependent0 - direct buffer constructor: available  
09:12:53.619 [main] DEBUG io.netty.util.internal.PlatformDependent0 - java.nio.Bits.unaligned: available, true  
09:12:53.633 [main] DEBUG io.netty.util.internal.PlatformDependent0 -  
jdk.internal.misc.Unsafe.allocateUninitializedArray(int): unavailable  
java.lang.ClassNotFoundException: jdk.internal.misc.Unsafe  
    at java.net.URLClassLoader.findClass(URLClassLoader.java:381)  
    at java.lang.ClassLoader.loadClass(ClassLoader.java:424)  
    at sun.misc.Launcher\$AppClassLoader.loadClass(Launcher.java:338)  
    at java.lang.ClassLoader.loadClass(ClassLoader.java:357)  
    at io.netty.util.internal.PlatformDependent0\$6.run(PlatformDependent0.java:295)  
    at java.security.AccessController.doPrivileged(Native Method)  
    at io.netty.util.internal.PlatformDependent0.<clinit>(PlatformDependent0.java:288)  
    at io.netty.util.internal.PlatformDependent.getSystemClassLoader(PlatformDependent.java:887)  
    at io.netty.util.internal.PlatformDependent.isAndroid0(PlatformDependent.java:911)  
    at io.netty.util.internal.PlatformDependent.<clinit>(PlatformDependent.java:70)  
    at io.netty.util.ConstantPool.<init>(ConstantPool.java:32)  
    at io.netty.util.Signal\$1.<init>(Signal.java:27)  
    at io.netty.util.Signal.<clinit>(Signal.java:27)  
    at io.netty.util.concurrent.DefaultPromise.<clinit>(DefaultPromise.java:43)

```
at io.netty.util.concurrent.DefaultThreadPoolExecutor.<init>(DefaultThreadPoolExecutor.java:40)
at io.netty.util.concurrent.MultithreadEventExecutorGroup.<init>(MultithreadEventExecutorGroup.java:36)
at io.netty.util.concurrent.MultithreadEventExecutorGroup.<init>(MultithreadEventExecutorGroup.java:58)
at io.netty.channel.MultithreadEventLoopGroup.<init>(MultithreadEventLoopGroup.java:52)
at io.netty.channel.nio.NioEventLoopGroup.<init>(NioEventLoopGroup.java:87)
at io.netty.channel.nio.NioEventLoopGroup.<init>(NioEventLoopGroup.java:82)
at io.netty.channel.nio.NioEventLoopGroup.<init>(NioEventLoopGroup.java:63)
at io.netty.channel.nio.NioEventLoopGroup.<init>(NioEventLoopGroup.java:51)
at io.netty.channel.nio.NioEventLoopGroup.<init>(NioEventLoopGroup.java:43)
at com.deal.util.netty.TestServer.main(TestServer.java:17)
09:12:53.633 [main] DEBUG io.netty.util.internal.PlatformDependent0 - java.nio.DirectByteBuffer.<init>(long,
int): available
09:12:53.634 [main] DEBUG io.netty.util.internal.PlatformDependent - Platform: Windows
09:12:53.634 [main] DEBUG io.netty.util.internal.PlatformDependent - Java version: 8
09:12:53.634 [main] DEBUG io.netty.util.internal.PlatformDependent - sun.misc.Unsafe: available
09:12:53.635 [main] DEBUG io.netty.util.internal.PlatformDependent - -Dio.netty.tmpdir:
C:\Users\Administrator\AppData\Local\Temp (java.io.tmpdir)
09:12:53.635 [main] DEBUG io.netty.util.internal.PlatformDependent - -Dio.netty.bitMode: 64
(sun.arch.data.model)
09:12:53.638 [main] DEBUG io.netty.util.internal.PlatformDependent - -Dio.netty.noPreferDirect: false
09:12:53.638 [main] DEBUG io.netty.util.internal.PlatformDependent - -Dio.netty.maxDirectMemory:
1881145344 bytes
09:12:53.639 [main] DEBUG io.netty.util.internal.PlatformDependent - -
Dio.netty.uninitializedArrayAllocationThreshold: -1
09:12:53.639 [main] DEBUG io.netty.util.internal.CleanerJava6 - java.nio.ByteBuffer.cleaner(): available
09:12:53.661 [main] DEBUG io.netty.channel.nio.NioEventLoop - -Dio.netty.noKeySetOptimization: false
09:12:53.661 [main] DEBUG io.netty.channel.nio.NioEventLoop - -Dio.netty.selectorAutoRebuildThreshold:
512
09:12:53.664 [main] DEBUG io.netty.util.internal.PlatformDependent - org.jctools-
core.MpscChunkedArrayQueue: available
09:12:54.018 [main] DEBUG io.netty.channel.DefaultChannelId - -Dio.netty.processId: 79216 (auto-detected)
09:12:54.021 [main] DEBUG io.netty.util.NetUtil - -Djava.net.preferIPv4Stack: false
09:12:54.021 [main] DEBUG io.netty.util.NetUtil - -Djava.net.preferIPv6Addresses: false
09:12:54.099 [main] DEBUG io.netty.util.NetUtil - Loopback interface: lo (Software Loopback Interface 1,
127.0.0.1)
09:12:54.099 [main] DEBUG io.netty.util.NetUtil - \proc\sys\net\core\somaxconn: 200 (non-existent)
09:12:54.170 [main] DEBUG io.netty.channel.DefaultChannelId - -Dio.netty.machineId: d0:17:c2:ff:fe:89:db:55
(auto-detected)
09:12:54.184 [main] DEBUG io.netty.util.ResourceLeakDetector - -Dio.netty.leakDetection.level: simple
09:12:54.184 [main] DEBUG io.netty.util.ResourceLeakDetector - -Dio.netty.leakDetection.maxRecords: 4
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.numHeapArenas: 8
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.numDirectArenas: 8
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.pageSize: 8192
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.maxOrder: 11
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.chunkSize: 16777216
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.tinyCacheSize: 512
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.smallCacheSize: 256
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.normalCacheSize: 64
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -
Dio.netty allocator.maxCachedBufferCapacity: 32768
09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -Dio.netty allocator.cacheTrimInterval:
```

8192

09:12:54.214 [main] DEBUG io.netty.buffer.PooledByteBufAllocator - -

Dio.netty allocator.useCacheForAllThreads: true

09:12:54.223 [main] DEBUG io.netty.buffer.ByteBufUtil - -Dio.netty.allocator.type: pooled

09:12:54.224 [main] DEBUG io.netty.buffer.ByteBufUtil - -Dio.netty.threadLocalDirectBufferSize: 65536

09:12:54.224 [main] DEBUG io.netty.buffer.ByteBufUtil - -Dio.netty.maxThreadLocalCharBufferSize: 16384

