

```
1 > Task :compileAnnotationsJava UP-T0-DATE
2 > Task :processAnnotationsResources NO-SOURCE
3 > Task :annotationsClasses UP-T0-DATE
4 > Task :copyLibs UP-T0-DATE
5 > Task :compileJava UP-T0-DATE
6 > Task :processResources NO-SOURCE
7 > Task :classes UP-T0-DATE
8 > Task :generateBuildInfo
9 > Task :generateVersion
10 > Task :copyResources
11 > Task :compileExamplesJava UP-T0-DATE
12 > Task :compileClassesJava UP-T0-DATE
13 > Task :processClassesResources NO-SOURCE
14 > Task :classesClasses UP-T0-DATE
15 > Task :compilePeersJava UP-T0-DATE
16 > Task :processPeersResources NO-SOURCE
17 > Task :peersClasses UP-T0-DATE
18 > Task :compileTestJava UP-T0-DATE
19 > Task :compileModules UP-T0-DATE
20 > Task :compile UP-T0-DATE
21 > Task :createAnnotationsJar UP-T0-DATE
22 > Task :createClassloaderSpecificTestsJar UP-T0-DATE
23 > Task :createJpfClassesJar UP-T0-DATE
24 > Task :createJpfJar
25 > Task :createRunJpfJar UP-T0-DATE
26 > Task :createRunTestJar UP-T0-DATE
27 > Task :buildJars
28 > Task :processTestResources NO-SOURCE
29 > Task :testClasses UP-T0-DATE
30 running jpf with args:
31 JavaPathfinder core system v8.0 (rev 18d02eb9c8165ec9aaabfe2d2b9d6e84cee91d2c) - (C) 2005-2014 United States
   Government. All rights reserved.
32
33
34 ===== system under test
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35 gov.nasa.jpf.test.java.nio.BufferTest.runTestMethod()
36
37 ===== search started: 16/06/24, 8:24 am
38 [WARNING] orphan NativePeer method: jdk.internal.misc.Unsafe.getUnsafe()Lsun/misc/Unsafe;
39 [WARNING] orphan NativePeer method: java.lang.StringCoding.decode([BII)[C
40 [WARNING] orphan NativePeer method: java.lang.StringCoding.encode([CII)[B
41 [WARNING] orphan NativePeer method: java.util.ResourceBundle.getClassContext()[Ljava/lang/Class;
42 ----- JPF error stack trace -----
43 gov.nasa.jpf.JPFNativePeerException: exception in native method java.lang.String.getBytes
44   at gov.nasa.jpf.vm.NativeMethodInfo.executeNative(NativeMethodInfo.java:186)
45   at gov.nasa.jpf.jvm.bytecode.EXECUTENATIVE.execute(EXECUTENATIVE.java:73)
46   at gov.nasa.jpf.vm.ThreadInfo.executeInstruction(ThreadInfo.java:1910)
47   at gov.nasa.jpf.vm.ThreadInfo.executeTransition(ThreadInfo.java:1861)
48   at gov.nasa.jpf.vm.SystemState.executeNextTransition(SystemState.java:765)
49   at gov.nasa.jpf.vm.VM.forward(VM.java:1721)
50   at gov.nasa.jpf.search.Search.forward(Search.java:937)
51   at gov.nasa.jpf.search.DFSearch.search(DFSearch.java:79)
52   at gov.nasa.jpf.JPF.run(JPF.java:613)
53   at gov.nasa.jpf.util.test.TestJPF.createAndRunJPF(TestJPF.java:675)
54   at gov.nasa.jpf.util.test.TestJPF.noPropertyViolation(TestJPF.java:806)
55   at gov.nasa.jpf.util.test.TestJPF.verifyNoPropertyViolation(TestJPF.java:830)
56   at gov.nasa.jpf.test.java.nio.BufferTest.testCharBufferConstructor(BufferTest.java:57)
57   at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
58   at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
59   at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
60   at java.base/java.lang.reflect.Method.invoke(Method.java:568)
61   at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:59)
62   at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)
63   at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:56)
64   at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)
65   at org.junit.runners.ParentRunner$3.evaluate(ParentRunner.java:306)
66   at org.junit.runners.BlockJUnit4ClassRunner$1.evaluate(BlockJUnit4ClassRunner.java:100)
67   at org.junit.runners.ParentRunner.runLeaf(ParentRunner.java:366)
68   at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:103)
69   at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:63)
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70     at org.junit.runners.ParentRunner$4.run(ParentRunner.java:331)
71     at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:79)
72     at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:329)
73     at org.junit.runners.ParentRunner.access$100(ParentRunner.java:66)
74     at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:293)
75     at org.junit.runners.ParentRunner$3.evaluate(ParentRunner.java:306)
76     at org.junit.runners.ParentRunner.run(ParentRunner.java:413)
77     at org.gradle.api.internal.tasks.testing.junit.JUnitTestClassExecutor.runTestClass(JUnitTestClassExecutor.
java:112)
78     at org.gradle.api.internal.tasks.testing.junit.JUnitTestClassExecutor.execute(JUnitTestClassExecutor.java:
58)
79     at org.gradle.api.internal.tasks.testing.junit.JUnitTestClassExecutor.execute(JUnitTestClassExecutor.java:
40)
80     at org.gradle.api.internal.tasks.testing.junit.AbstractJUnitTestClassProcessor.processTestClass(
AbstractJUnitTestClassProcessor.java:60)
81     at org.gradle.api.internal.tasks.testing.SuiteTestClassProcessor.processTestClass(SuiteTestClassProcessor.
java:52)
82     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
83     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
84     at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
85     at java.base/java.lang.reflect.Method.invoke(Method.java:568)
86     at org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:36)
87     at org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:24)
88     at org.gradle.internal.dispatch.ContextClassLoaderDispatch.dispatch(ContextClassLoaderDispatch.java:33)
89     at org.gradle.internal.dispatch.ProxyDispatchAdapter$DispatchingInvocationHandler.invoke(
ProxyDispatchAdapter.java:94)
90     at jdk.proxy1/jdk.proxy1.$Proxy2.processTestClass(Unknown Source)
91     at org.gradle.api.internal.tasks.testing.worker.TestWorker$2.run(TestWorker.java:176)
92     at org.gradle.api.internal.tasks.testing.worker.TestWorker.executeAndMaintainThreadName(TestWorker.java:
129)
93     at org.gradle.api.internal.tasks.testing.worker.TestWorker.execute(TestWorker.java:100)
94     at org.gradle.api.internal.tasks.testing.worker.TestWorker.execute(TestWorker.java:60)
95     at org.gradle.process.internal.worker.child.ActionExecutionWorker.execute(ActionExecutionWorker.java:56)
96     at org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker.call(
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96 SystemApplicationClassLoaderWorker.java:113)
97   at org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker.call(
   SystemApplicationClassLoaderWorker.java:65)
98   at worker.org.gradle.process.internal.worker.GradleWorkerMain.run(GradleWorkerMain.java:69)
99   at worker.org.gradle.process.internal.worker.GradleWorkerMain.main(GradleWorkerMain.java:74)
100 Caused by: java.lang.StringIndexOutOfBoundsException: begin 0, end 3, length 1
101   at java.base/java.lang.String.checkBoundsBeginEnd(String.java:4606)
102   at java.base/java.lang.String.getBytes(String.java:1732)
103   at gov.nasa.jpf.vm.JPF_java_lang_String.getBytes__II_3BI__V(JPF_java_lang_String.java:111)
104   at jdk.internal.reflect.GeneratedMethodAccessor13.invoke(Unknown Source)
105   at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
   )
106   at java.base/java.lang.reflect.Method.invoke(Method.java:568)
107   at gov.nasa.jpf.vm.NativeMethodInfo.executeNative(NativeMethodInfo.java:125)
108   ... 55 more
109
110 java.lang.AssertionError: JPF internal exception executing: :gov.nasa.jpf.JPFNativePeerException: exception in
   native method java.lang.String.getBytes
111   at gov.nasa.jpf.util.test.TestJPF.fail(TestJPF.java:164)
112   at gov.nasa.jpf.util.test.TestJPF.fail(TestJPF.java:156)
113   at gov.nasa.jpf.util.test.TestJPF.noPropertyViolation(TestJPF.java:810)
114   at gov.nasa.jpf.util.test.TestJPF.verifyNoPropertyViolation(TestJPF.java:830)
115   at gov.nasa.jpf.test.java.nio.BufferTest.testCharBufferConstructor(BufferTest.java:57)
116   at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
117   at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
118   at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
   )
119   at java.base/java.lang.reflect.Method.invoke(Method.java:568)
120   at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:59)
121   at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)
122   at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:56)
123   at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)
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125   at org.junit.runners.BlockJUnit4ClassRunner$1.evaluate(BlockJUnit4ClassRunner.java:100)
126   at org.junit.runners.ParentRunner.runLeaf(ParentRunner.java:366)
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127     at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:103)
128     at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:63)
129     at org.junit.runners.ParentRunner$4.run(ParentRunner.java:331)
130     at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:79)
131     at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:329)
132     at org.junit.runners.ParentRunner.access$100(ParentRunner.java:66)
133     at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:293)
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135     at org.junit.runners.ParentRunner.run(ParentRunner.java:413)
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137     at org.gradle.api.internal.tasks.testing.junit.JUnitTestClassExecutor.execute(JUnitTestClassExecutor.java:
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138     at org.gradle.api.internal.tasks.testing.junit.JUnitTestClassExecutor.execute(JUnitTestClassExecutor.java:
    40)
139     at org.gradle.api.internal.tasks.testing.junit.AbstractJUnitTestClassProcessor.processTestClass(
    AbstractJUnitTestClassProcessor.java:60)
140     at org.gradle.api.internal.tasks.testing.SuiteTestClassProcessor.processTestClass(SuiteTestClassProcessor.
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141     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
142     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
143     at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
    )
144     at java.base/java.lang.reflect.Method.invoke(Method.java:568)
145     at org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:36)
146     at org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:24)
147     at org.gradle.internal.dispatch.ContextClassLoaderDispatch.dispatch(ContextClassLoaderDispatch.java:33)
148     at org.gradle.internal.dispatch.ProxyDispatchAdapter$DispatchingInvocationHandler.invoke(
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149     at jdk.proxy1/jdk.proxy1.$Proxy2.processTestClass(Unknown Source)
150     at org.gradle.api.internal.tasks.testing.worker.TestWorker$2.run(TestWorker.java:176)
151     at org.gradle.api.internal.tasks.testing.worker.TestWorker.executeAndMaintainThreadName(TestWorker.java:
    129)
152     at org.gradle.api.internal.tasks.testing.worker.TestWorker.execute(TestWorker.java:100)
153     at org.gradle.api.internal.tasks.testing.worker.TestWorker.execute(TestWorker.java:60)
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154     at org.gradle.process.internal.worker.child.ActionExecutionWorker.execute(ActionExecutionWorker.java:56)
155     at org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker.call(
    SystemApplicationClassLoaderWorker.java:113)
156     at org.gradle.process.internal.worker.child.SystemApplicationClassLoaderWorker.call(
    SystemApplicationClassLoaderWorker.java:65)
157     at worker.org.gradle.process.internal.worker.GradleWorkerMain.run(GradleWorkerMain.java:69)
158     at worker.org.gradle.process.internal.worker.GradleWorkerMain.main(GradleWorkerMain.java:74)
159
160
161 > Task :test FAILED
162 gov.nasa.jpf.test.java.nio.BufferTest > testCharBufferConstructor FAILED
163     java.lang.AssertionError at BufferTest.java:57
164 Test Execution: FAILURE
165 Summary: 1 tests, 0 passed, 1 failed, 0 skipped
166 1 test completed, 1 failed
167 FAILURE: Build failed with an exception.
168 * What went wrong:
169 Execution failed for task ':test'.
170 > There were failing tests. See the report at: file:///Users/ekla/GSOC/JPFjava17/jpf-core/build/reports/tests/
    test/index.html
171 BUILD FAILED in 1s
172 18 actionable tasks: 5 executed, 13 up-to-date
173
174
```