


Failed to transform aar with StringIndexOutOfBoundsException when using R8 2.1.62 (used by AGP 4.1.0)


+1

1

Hotlists

Mark as Duplicate





Comments (33)

Dependencies

Duplicates (0)

Blocking (0)


Resources (19)

Verified


Bug

P1


+ Add Hotlist

 STATUS UPDATE No update yet. 

Edit

 DESCRIPTION ak...@gmail.com created issue #1

Oct 15, 2020 01:31PM



FAILURE: Build failed with an exception.

\* What went wrong:  
Could not determine the dependencies of task ':yakhont-demo:lintVitalRelease'.  
> Could not resolve all artifacts for configuration ':yakhont-demo:releaseCompileClasspath'.  
> Failed to transform yakhont-full-1.2.01.aar (com.github.akhasoft:yakhont-full:1.2.01) to match attributes {artifactType=android-manifest, org.gradle.status=integration}.  
> Execution failed for JetifyTransform: R:\Yakhont\yakhont\build\outputs\aar\yakhont-full.aar.  
> Failed to transform 'R:\Yakhont\yakhont\build\outputs\aar\yakhont-full.aar' using Jetifier. Reason: StringIndexOutOfBoundsException, message: String index out of range: -2. (Run with --stacktrace for more details.)  
Suggestions:  
- Check out existing issues at [https://issuetracker.google.com/issue?q=componentid:460323&s=modified\\_time:desc](https://issuetracker.google.com/issue?q=componentid:460323&s=modified_time:desc), it's possible that this issue has already been filed there.  
- If this issue has not been filed, please report it at <https://issuetracker.google.com/issues/new?component=460323> (run with --stacktrace and provide a stack trace if possible).

\* Try:  
Run with --info or --debug option to get more log output. Run with --scan to get full insights.

\* Exception is:  
org.gradle.api.internal.tasks.TaskDependencyResolveException: Could not determine the dependencies of task ':yakhont-demo:lintVitalRelease'.  
at org.gradle.api.internal.tasks.CachingTaskDependencyResolveContext.getDependencies(CachingTaskDependencyResolveContext.java:69)  
at org.gradle.execution.plan.TaskDependencyResolver.resolveDependenciesFor(TaskDependencyResolver.java:46)  
at org.gradle.execution.plan.LocalTaskNode.getDependencies(LocalTaskNode.java:161)  
at org.gradle.execution.plan.LocalTaskNode.resolveDependencies(LocalTaskNode.java:129)  
at org.gradle.execution.plan.DefaultExecutionPlan.doAddNodes(DefaultExecutionPlan.java:165)  
at org.gradle.execution.plan.DefaultExecutionPlan.addEntryTasks(DefaultExecutionPlan.java:135)  
at org.gradle.execution.taskgraph.DefaultTaskExecutionGraph.addEntryTasks(DefaultTaskExecutionGraph.java:144)  
at org.gradle.execution.TaskNameResolvingBuildConfigurationAction.configure(TaskNameResolvingBuildConfigurationAction.java:49)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor.configure(DefaultBuildConfigurationActionExecutor.java:58)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor.access\$200(DefaultBuildConfigurationActionExecutor.java:26)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor\$2.proceed(DefaultBuildConfigurationActionExecutor.java:66)  
at org.gradle.execution.DefaultTasksBuildExecutionAction.configure(DefaultTasksBuildExecutionAction.java:45)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor.configure(DefaultBuildConfigurationActionExecutor.java:58)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor.access\$200(DefaultBuildConfigurationActionExecutor.java:26)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor\$2.proceed(DefaultBuildConfigurationActionExecutor.java:66)  
at org.gradle.execution.ExcludedTaskFilteringBuildConfigurationAction.configure(ExcludedTaskFilteringBuildConfigurationAction.java:48)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor.configure(DefaultBuildConfigurationActionExecutor.java:58)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor.access\$200(DefaultBuildConfigurationActionExecutor.java:26)  
at org.gradle.execution.DefaultBuildConfigurationActionExecutor\$1.run(DefaultBuildConfigurationActionExecutor.java:44)  
at org.gradle.internal.Factories\$1.create(Factories.java:26)

Reporter

Type

Priority

Severity

Status

Access

Assignee

Verifier

Collaborators

CC

AOSP ID

Blocking Release

Release Status

Found In

Targeted To

Verified In

In Prod

Show 1 additional

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at org.gradle.api.internal.project.DefaultProjectStateRegistry.withLenientState(DefaultProjectStateRegistry.java:134)
at org.gradle.api.internal.project.DefaultProjectStateRegistry.withLenientState(DefaultProjectStateRegistry.java:126)
at org.gradle.execution.DefaultBuildConfigurationActionExecutor.select(DefaultBuildConfigurationActionExecutor.java:40)
at org.gradle.initialization.DefaultTaskExecutionPreparer.prepareForTaskExecution(DefaultTaskExecutionPreparer.java:38)
at org.gradle.initialization.BuildOperatingFiringTaskExecutionPreparer$CalculateTaskGraph.populateTaskGraph(BuildOperatingFiringTaskExecutionPreparer.java:117)
at org.gradle.initialization.BuildOperatingFiringTaskExecutionPreparer$CalculateTaskGraph.run(BuildOperatingFiringTaskExecutionPreparer.java:68)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$RunnableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:395)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$RunnableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:387)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$1.execute(DefaultBuildOperationExecutor.java:157)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:242)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:150)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.run(DefaultBuildOperationExecutor.java:84)
at org.gradle.internal.operations.DelegatingBuildOperationExecutor.run(DelegatingBuildOperationExecutor.java:31)
at org.gradle.initialization.BuildOperatingFiringTaskExecutionPreparer.prepareForTaskExecution(BuildOperatingFiringTaskExecutionPreparer.java:56)
at org.gradle.initialization.DefaultGradleLauncher.prepareTaskExecution(DefaultGradleLauncher.java:227)
at org.gradle.initialization.DefaultGradleLauncher.doClassicBuildStages(DefaultGradleLauncher.java:159)
at org.gradle.initialization.DefaultGradleLauncher.doBuildStages(DefaultGradleLauncher.java:140)
at org.gradle.initialization.DefaultGradleLauncher.executeTasks(DefaultGradleLauncher.java:120)
at org.gradle.internal.invocation.GradleBuildController$1.create(GradleBuildController.java:74)
at org.gradle.internal.invocation.GradleBuildController$1.create(GradleBuildController.java:67)
at org.gradle.internal.work.DefaultWorkerLeaseService.withLocks(DefaultWorkerLeaseService.java:180)
at org.gradle.internal.work.StopShieldingWorkerLeaseService.withLocks(StopShieldingWorkerLeaseService.java:40)
at org.gradle.internal.invocation.GradleBuildController.doBuild(GradleBuildController.java:67)
at org.gradle.internal.invocation.GradleBuildController.run(GradleBuildController.java:56)
at org.gradle.tooling.internal.provider.ExecuteBuildActionRunner.run(ExecuteBuildActionRunner.java:31)
at org.gradle.launcher.exec.ChainingBuildActionRunner.run(ChainingBuildActionRunner.java:35)
at org.gradle.launcher.exec.BuildOutcomeReportingBuildActionRunner.run(BuildOutcomeReportingBuildActionRunner.java:63)
at org.gradle.tooling.internal.provider.ValidatingBuildActionRunner.run(ValidatingBuildActionRunner.java:32)
at org.gradle.launcher.exec.BuildCompletionNotifyingBuildActionRunner.run(BuildCompletionNotifyingBuildActionRunner.java:39)
at org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner$3.call(RunAsBuildOperationBuildActionRunner.java:51)
at org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner$3.call(RunAsBuildOperationBuildActionRunner.java:45)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:409)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:399)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$1.execute(DefaultBuildOperationExecutor.java:157)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:242)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:150)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.call(DefaultBuildOperationExecutor.java:94)
at org.gradle.internal.operations.DelegatingBuildOperationExecutor.call(DelegatingBuildOperationExecutor.java:36)
at org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner.run(RunAsBuildOperationBuildActionRunner.java:45)
at org.gradle.launcher.exec.InProcessBuildActionExecuter$1.transform(InProcessBuildActionExecuter.java:50)
at org.gradle.launcher.exec.InProcessBuildActionExecuter$1.transform(InProcessBuildActionExecuter.java:47)
at org.gradle.composite.internal.DefaultRootBuildState.run(DefaultRootBuildState.java:80)
at org.gradle.launcher.exec.InProcessBuildActionExecuter.execute(InProcess
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ssBuildActionExecutor.java:47)
    at org.gradle.launcher.exec.InProcessBuildActionExecutor.execute(InProce
ssBuildActionExecutor.java:31)
    at org.gradle.launcher.exec.BuildTreeScopeBuildActionExecutor.execute(Bu
ildTreeScopeBuildActionExecutor.java:42)
    at org.gradle.launcher.exec.BuildTreeScopeBuildActionExecutor.execute(Bu
ildTreeScopeBuildActionExecutor.java:28)
    at org.gradle.tooling.internal.provider.ContinuousBuildActionExecutor.ex
ecute(ContinuousBuildActionExecutor.java:87)
    at org.gradle.tooling.internal.provider.ContinuousBuildActionExecutor.ex
ecute(ContinuousBuildActionExecutor.java:55)
    at org.gradle.tooling.internal.provider.SubscribableBuildActionExecutor.
execute(SubscribableBuildActionExecutor.java:60)
    at org.gradle.tooling.internal.provider.SubscribableBuildActionExecutor.
execute(SubscribableBuildActionExecutor.java:38)
    at org.gradle.tooling.internal.provider.SessionScopeBuildActionExecutor.
execute(SessionScopeBuildActionExecutor.java:68)
    at org.gradle.tooling.internal.provider.SessionScopeBuildActionExecutor.
execute(SessionScopeBuildActionExecutor.java:38)
    at org.gradle.tooling.internal.provider.GradleThreadBuildActionExecutor.
execute(GradleThreadBuildActionExecutor.java:37)
    at org.gradle.tooling.internal.provider.GradleThreadBuildActionExecutor.
execute(GradleThreadBuildActionExecutor.java:26)
    at org.gradle.tooling.internal.provider.StartParamsValidatingActionExecu
ter.execute(StartParamsValidatingActionExecutor.java:60)
    at org.gradle.tooling.internal.provider.StartParamsValidatingActionExecu
ter.execute(StartParamsValidatingActionExecutor.java:32)
    at org.gradle.tooling.internal.provider.SessionFailureReportingActionExe
cutor.execute(SessionFailureReportingActionExecutor.java:56)
    at org.gradle.tooling.internal.provider.SessionFailureReportingActionExe
cutor.execute(SessionFailureReportingActionExecutor.java:42)
    at org.gradle.tooling.internal.provider.SetupLoggingActionExecutor.execu
te(SetupLoggingActionExecutor.java:48)
    at org.gradle.tooling.internal.provider.SetupLoggingActionExecutor.execu
te(SetupLoggingActionExecutor.java:32)
    at org.gradle.launcher.cli.RunBuildAction.run(RunBuildAction.java:56)
    at org.gradle.internal.Actions$RunnableActionAdapter.execute(Actions.jav
a:212)
    at org.gradle.launcher.cli.DefaultCommandLineActionFactory$ParseAndBuild
Action.execute(DefaultCommandLineActionFactory.java:294)
    at org.gradle.launcher.cli.DefaultCommandLineActionFactory$ParseAndBuild
Action.execute(DefaultCommandLineActionFactory.java:266)
    at org.gradle.launcher.cli.DebugLoggerWarningAction.execute(DebugLoggerW
arningAction.java:82)
    at org.gradle.launcher.cli.DebugLoggerWarningAction.execute(DebugLoggerW
arningAction.java:30)
    at org.gradle.launcher.cli.WelcomeMessageAction.execute(WelcomeMessageAc
tion.java:92)
    at org.gradle.launcher.cli.WelcomeMessageAction.execute(WelcomeMessageAc
tion.java:38)
    at org.gradle.launcher.cli.NativeServicesInitializingAction.execute(Nati
veServicesInitializingAction.java:44)
    at org.gradle.launcher.cli.NativeServicesInitializingAction.execute(Nati
veServicesInitializingAction.java:26)
    at org.gradle.launcher.cli.ExceptionReportingAction.execute(ExceptionRep
ortingAction.java:41)
    at org.gradle.launcher.cli.ExceptionReportingAction.execute(ExceptionRep
ortingAction.java:26)
    at org.gradle.launcher.cli.DefaultCommandLineActionFactory$WithLogging.e
xecute(DefaultCommandLineActionFactory.java:259)
    at org.gradle.launcher.Main.doAction(Main.java:35)
    at org.gradle.launcher.bootstrap.EntryPoint.run(EntryPoint.java:50)
    at org.gradle.launcher.bootstrap.ProcessBootstrap.runNoExit(ProcessBoots
trap.java:60)
    at org.gradle.launcher.bootstrap.ProcessBootstrap.run(ProcessBootstrap.j
ava:37)
    at org.gradle.launcher.GradleMain.main(GradleMain.java:31)
    at org.gradle.wrapper.BootstrapMainStarter.start(BootstrapMainStarter.ja
va:31)
    at org.gradle.wrapper.WrapperExecutor.execute(WrapperExecutor.java:108)
    at org.gradle.wrapper.GradleWrapperMain.main(GradleWrapperMain.java:61)
Caused by: org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfigurat
ion$ArtifactResolveException: Could not resolve all artifacts for configuration
'yakhont-demo:releaseCompileClasspath'.
    at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration
.rethrowFailure(DefaultConfiguration.java:1268)
    at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration
.access$1800(DefaultConfiguration.java:142)
    at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration
$ConfigurationArtifactCollection.ensureResolved(DefaultConfiguration.java:1761)
    at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration
$ConfigurationArtifactCollection.iterator(DefaultConfiguration.java:1733)
    at org.gradle.api.internal.file.collections.UnpackingVisitor.add(Unpacki
ngVisitor.java:83)
    at org.gradle.api.internal.file.collections.UnpackingVisitor.add(Unpacki
ngVisitor.java:84)
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at org.gradle.api.internal.file.collections.UnpackingVisitor.add(Unpacki
ngVisitor.java:76)
at org.gradle.api.internal.file.collections.DefaultConfigurableFileColle
ction$UnresolvedItemsCollector.visitContents(DefaultConfigurableFileCollection.j
ava:300)
at org.gradle.api.internal.file.collections.DefaultConfigurableFileColle
ction.visitContents(DefaultConfigurableFileCollection.java:224)
at org.gradle.api.internal.file.CompositeFileCollection.visitDependencies
(CompositeFileCollection.java:140)
at org.gradle.api.internal.file.collections.DefaultConfigurableFileColle
ction.visitDependencies(DefaultConfigurableFileCollection.java:230)
at org.gradle.api.internal.tasks.CachingTaskDependencyResolveContext$Tas
kGraphImpl.getNodeValues(CachingTaskDependencyResolveContext.java:112)
at org.gradle.internal.graph.CachingDirectedGraphWalker$GraphWithEmptyEd
ges.getNodeValues(CachingDirectedGraphWalker.java:213)
at org.gradle.internal.graph.CachingDirectedGraphWalker.doSearch(Caching
DirectedGraphWalker.java:121)
at org.gradle.internal.graph.CachingDirectedGraphWalker.findValues(Cachi
ngDirectedGraphWalker.java:73)
at org.gradle.api.internal.tasks.CachingTaskDependencyResolveContext.get
Dependencies(CachingTaskDependencyResolveContext.java:67)
... 100 more
Caused by: org.gradle.api.internal.artifacts.transform.TransformException: Faile
d to transform yakhont-full-1.2.01.aar (com.github.akhasoft:yakhont-full:1.2.01)
to match attributes {artifactType=android-manifest, org.gradle.status=integrati
on}.
at org.gradle.api.internal.artifacts.transform.TransformingArtifactVisit
or.lambda$visitArtifact$1(TransformingArtifactVisitor.java:54)
at org.gradle.internal.Try$Failure.ifSuccessfulOrElse(Try.java:263)
at org.gradle.api.internal.artifacts.transform.TransformingArtifactVisit
or.visitArtifact(TransformingArtifactVisitor.java:45)
at org.gradle.api.internal.artifacts.ivyservice.resolveengine.artifact.A
rtifactBackedResolvedVariant$SingleArtifactSet.visit(ArtifactBackedResolvedVaria
nt.java:113)
at org.gradle.api.internal.artifacts.transform.TransformCompletion.visit
(TransformCompletion.java:39)
at org.gradle.api.internal.artifacts.ivyservice.resolveengine.artifact.C
ompositeResolvedArtifactSet$CompositeResult.visit(CompositeResolvedArtifactSet.j
ava:83)
at org.gradle.api.internal.artifacts.ivyservice.resolveengine.artifact.P
arallelResolveArtifactSet$VisitingSet.visit(ParallelResolveArtifactSet.java:65)
at org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfigurat
ion.visitArtifacts(DefaultLenientConfiguration.java:264)
at org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfigurat
ion.access$500(DefaultLenientConfiguration.java:72)
at org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfigurat
ion$2.run(DefaultLenientConfiguration.java:238)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$Runnable
BuildOperationWorker.execute(DefaultBuildOperationExecutor.java:395)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$Runnable
BuildOperationWorker.execute(DefaultBuildOperationExecutor.java:387)
at org.gradle.internal.operations.DefaultBuildOperationExecutor$1.execut
e(DefaultBuildOperationExecutor.java:157)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(
DefaultBuildOperationExecutor.java:242)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(
DefaultBuildOperationExecutor.java:150)
at org.gradle.internal.operations.DefaultBuildOperationExecutor.run(Defa
ultBuildOperationExecutor.java:84)
at org.gradle.internal.operations.DelegatingBuildOperationExecutor.run(D
elegatingBuildOperationExecutor.java:31)
at org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfigurat
ion.visitArtifactsWithBuildOperation(DefaultLenientConfiguration.java:235)
at org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfigurat
ion.access$200(DefaultLenientConfiguration.java:72)
at org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfigurat
ion$1.visitArtifacts(DefaultLenientConfiguration.java:138)
at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration
$ConfigurationArtifactCollection.ensureResolved(DefaultConfiguration.java:1755)
... 113 more
Caused by: org.gradle.api.internal.artifacts.transform.TransformException: Execu
tion failed for JetifyTransform: R:\Yakhont\yakhont\build\outputs\aar\yakhont-fu
ll.aar.
at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory$2.lambda$call$1(DefaultTransformerInvocationFactory.java:214)
at org.gradle.internal.Try$Failure.mapFailure(Try.java:254)
at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory$2.lambda$call$2(DefaultTransformerInvocationFactory.java:214)
at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory.fireTransformListeners(DefaultTransformerInvocationFactory.java:269)
at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory.access$300(DefaultTransformerInvocationFactory.java:79)
at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory$2.call(DefaultTransformerInvocationFactory.java:178)
at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory$2.call(DefaultTransformerInvocationFactory.java:175)
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at org.gradle.internal.operations.DefaultBuildOperationExecutor$Callable
BuildOperationWorker.execute(DefaultBuildOperationExecutor.java:409)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor$Callable
BuildOperationWorker.execute(DefaultBuildOperationExecutor.java:399)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor$1.execut
e(DefaultBuildOperationExecutor.java:157)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(
DefaultBuildOperationExecutor.java:242)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(
DefaultBuildOperationExecutor.java:150)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor.call(Def
aultBuildOperationExecutor.java:94)
    at org.gradle.internal.operations.DelegatingBuildOperationExecutor.call(
DelegatingBuildOperationExecutor.java:36)
    at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory.lambda$doTransform$0(DefaultTransformerInvocationFactory.java:175)
    at org.gradle.api.internal.artifacts.transform.ImmutableTransformationWo
rkspaceProvider.lambda$withWorkspace$0(ImmutableTransformationWorkspaceProvid
er.java:81)
    at org.gradle.cache.internal.LockOnDemandCrossProcessCacheAccess.withFil
eLock(LockOnDemandCrossProcessCacheAccess.java:90)
    at org.gradle.cache.internal.DefaultCacheAccess.withFileLock(DefaultCach
eAccess.java:191)
    at org.gradle.cache.internal.DefaultPersistentDirectoryStore.withFileLoc
k(DefaultPersistentDirectoryStore.java:177)
    at org.gradle.cache.internal.DefaultCacheFactory$ReferenceTrackingCache.
withFileLock(DefaultCacheFactory.java:201)
    at org.gradle.api.internal.artifacts.transform.ImmutableTransformationWo
rkspaceProvider.withWorkspace(ImmutableTransformationWorkspaceProvider.java:76)
    at org.gradle.api.internal.artifacts.transform.AbstractCachingTransforma
tionWorkspaceProvider.lambda$withWorkspace$0(AbstractCachingTransformationWorksp
aceProvider.java:55)
    at com.google.common.cache.LocalCache$LocalManualCache$1.load(LocalCache
.java:4718)
    at com.google.common.cache.LocalCache$LoadingValueReference.loadFuture(L
ocalCache.java:3445)
    at com.google.common.cache.LocalCache$Segment.loadSync(LocalCache.java:2
194)
    at com.google.common.cache.LocalCache$Segment.lockedGetOrLoad(LocalCache
.java:2153)
    at com.google.common.cache.LocalCache$Segment.get(LocalCache.java:2043)
    at com.google.common.cache.LocalCache.get(LocalCache.java:3851)
    at com.google.common.cache.LocalCache$LocalManualCache.get(LocalCache.ja
va:4713)
    at org.gradle.api.internal.artifacts.transform.AbstractCachingTransforma
tionWorkspaceProvider.withWorkspace(AbstractCachingTransformationWorkspaceProvid
er.java:55)
    at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory.doTransform(DefaultTransformerInvocationFactory.java:175)
    at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory.access$000(DefaultTransformerInvocationFactory.java:79)
    at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocat
ionFactory$1.invoke(DefaultTransformerInvocationFactory.java:141)
    at org.gradle.api.internal.artifacts.transform.CacheableInvocation$1.inv
oke(CacheableInvocation.java:58)
    at org.gradle.api.internal.artifacts.transform.CacheableInvocation.lambd
a$flatMap$3(CacheableInvocation.java:76)
    at org.gradle.api.internal.artifacts.transform.CacheableInvocation$3.inv
oke(CacheableInvocation.java:110)
    at org.gradle.api.internal.artifacts.transform.CacheableInvocation.lambd
a$flatMap$3(CacheableInvocation.java:76)
    at org.gradle.api.internal.artifacts.transform.CacheableInvocation$3.inv
oke(CacheableInvocation.java:110)
    at org.gradle.api.internal.artifacts.transform.TransformationOperation.r
un(TransformationOperation.java:39)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor$Runnable
BuildOperationWorker.execute(DefaultBuildOperationExecutor.java:395)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor$Runnable
BuildOperationWorker.execute(DefaultBuildOperationExecutor.java:387)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor$1.execut
e(DefaultBuildOperationExecutor.java:157)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(
DefaultBuildOperationExecutor.java:242)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(
DefaultBuildOperationExecutor.java:150)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor.access$1
500(DefaultBuildOperationExecutor.java:49)
    at org.gradle.internal.operations.DefaultBuildOperationExecutor$ParentPr
eservingQueueWorker.execute(DefaultBuildOperationExecutor.java:437)
    at org.gradle.internal.operations.DefaultBuildOperationQueue$WorkerRunna
ble.runOperation(DefaultBuildOperationQueue.java:231)
    at org.gradle.internal.operations.DefaultBuildOperationQueue$WorkerRunna
ble.access$600(DefaultBuildOperationQueue.java:173)
    at org.gradle.internal.operations.DefaultBuildOperationQueue$WorkerRunna
ble$1.create(DefaultBuildOperationQueue.java:210)
    at org.gradle.internal.operations.DefaultBuildOperationQueue$WorkerRunna
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ble$1.create(DefaultBuildOperationQueue.java:204)
    at org.gradle.internal.work.DefaultWorkerLeaseService.withLocks(DefaultW
orkerLeaseService.java:180)
    at org.gradle.internal.operations.DefaultBuildOperationQueue$WorkerRunna
ble.runBatch(DefaultBuildOperationQueue.java:204)
    at org.gradle.internal.operations.DefaultBuildOperationQueue$WorkerRunna
ble.run(DefaultBuildOperationQueue.java:178)
    at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.
onExecute(ExecutorPolicy.java:64)
    at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecu
torImpl.java:48)
    at org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnabl
e.run(ThreadFactoryImpl.java:56)
Caused by: java.lang.RuntimeException: Failed to transform 'R:\Yakhont\yakhont\b
uild\outputs\aar\yakhont-full.aar' using Jetifier. Reason: StringIndexOutOfBound
sException, message: String index out of range: -2. (Run with --stacktrace for m
ore details.)
Suggestions:
- Check out existing issues at https://issuetracker.google.com/issues?q=componentid:460323&s=modified\_time:desc, it's possible that this issue has already been
filed there.
- If this issue has not been filed, please report it at https://issuetracker.google.com/issues/new?component=460323 (run with --stacktrace and provide a stack
trace if possible).
    at com.android.build.gradle.internal.dependency.JetifyTransform.transfor
m(JetifyTransform.kt:176)
    at org.gradle.api.internal.artifacts.transform.DefaultTransformer.transf
orm(DefaultTransformer.java:193)
    at org.gradle.api.internal.artifacts.transform.DefaultTransformer$Invocat
ionFactory$TransformerExecution.execute(DefaultTransformerInvocationFactory.java
:332)
    at org.gradle.internal.execution.steps.ExecuteStep.lambda$execute$1(Exec
uteStep.java:33)
    at org.gradle.internal.execution.steps.ExecuteStep.execute(ExecuteStep.j
ava:33)
    at org.gradle.internal.execution.steps.ExecuteStep.execute(ExecuteStep.j
ava:26)
    at org.gradle.internal.execution.steps.CleanupOutputsStep.execute(Cleanu
pOutputsStep.java:67)
    at org.gradle.internal.execution.steps.CleanupOutputsStep.execute(Cleanu
pOutputsStep.java:36)
    at org.gradle.internal.execution.steps.ResolveInputChangesStep.execute(R
esolveInputChangesStep.java:49)
    at org.gradle.internal.execution.steps.ResolveInputChangesStep.execute(R
esolveInputChangesStep.java:34)
    at org.gradle.internal.execution.steps.CancelExecutionStep.execute(Cance
lExecutionStep.java:43)
    at org.gradle.internal.execution.steps.TimeoutStep.executeWithoutTimeout
(TimeoutStep.java:73)
    at org.gradle.internal.execution.steps.TimeoutStep.execute(TimeoutStep.j
ava:54)
    at org.gradle.internal.execution.steps.CatchExceptionStep.execute(CatchE
xceptionStep.java:34)
    at org.gradle.internal.execution.steps.CreateOutputsStep.execute(CreateO
utputsStep.java:44)
    at org.gradle.internal.execution.steps.SnapshotOutputsStep.execute(Snaps
hotOutputsStep.java:54)
    at org.gradle.internal.execution.steps.SnapshotOutputsStep.execute(Snaps
hotOutputsStep.java:38)
    at org.gradle.internal.execution.steps.BroadcastChangingOutputsStep.exec
ute(BroadcastChangingOutputsStep.java:49)
    at org.gradle.internal.execution.steps.CacheStep.executeWithoutCache(Cac
heStep.java:159)
    at org.gradle.internal.execution.steps.CacheStep.execute(CacheStep.java:
72)
    at org.gradle.internal.execution.steps.CacheStep.execute(CacheStep.java:
43)
    at org.gradle.internal.execution.steps.StoreExecutionStateStep.execute(S
toreExecutionStateStep.java:44)
    at org.gradle.internal.execution.steps.StoreExecutionStateStep.execute(S
toreExecutionStateStep.java:33)
    at org.gradle.internal.execution.steps.RecordOutputsStep.execute(RecordO
utputsStep.java:38)
    at org.gradle.internal.execution.steps.RecordOutputsStep.execute(RecordO
utputsStep.java:24)
    at org.gradle.internal.execution.steps.SkipUpToDateStep.executeBecause(S
kipUpToDateStep.java:92)
    at org.gradle.internal.execution.steps.SkipUpToDateStep.lambda$execute$0
(SkipUpToDateStep.java:85)
    at org.gradle.internal.execution.steps.SkipUpToDateStep.execute(SkipUpTo
DateStep.java:55)
    at org.gradle.internal.execution.steps.SkipUpToDateStep.execute(SkipUpTo
DateStep.java:39)
    at org.gradle.internal.execution.steps.ResolveChangesStep.execute(Resolv
eChangesStep.java:76)
    at org.gradle.internal.execution.steps.ResolveChangesStep.execute(Resolv

```



eChangesStep.java:37)  
at org.gradle.internal.execution.steps.legacy.MarkSnapshottingInputsFinishedStep.execute(MarkSnapshottingInputsFinishedStep.java:36)  
at org.gradle.internal.execution.steps.legacy.MarkSnapshottingInputsFinishedStep.execute(MarkSnapshottingInputsFinishedStep.java:26)  
at org.gradle.internal.execution.steps.ResolveCachingStateStep.execute(ResolveCachingStateStep.java:94)  
at org.gradle.internal.execution.steps.ResolveCachingStateStep.execute(ResolveCachingStateStep.java:49)  
at org.gradle.internal.execution.steps.CaptureStateBeforeExecutionStep.execute(CaptureStateBeforeExecutionStep.java:79)  
at org.gradle.internal.execution.steps.CaptureStateBeforeExecutionStep.execute(CaptureStateBeforeExecutionStep.java:53)  
at org.gradle.internal.execution.steps.ValidateStep.execute(ValidateStep.java:74)  
at org.gradle.internal.execution.steps.SkipEmptyWorkStep.lambda\$execute\$2(SkipEmptyWorkStep.java:78)  
at org.gradle.internal.execution.steps.SkipEmptyWorkStep.execute(SkipEmptyWorkStep.java:78)  
at org.gradle.internal.execution.steps.SkipEmptyWorkStep.execute(SkipEmptyWorkStep.java:34)  
at org.gradle.internal.execution.steps.legacy.MarkSnapshottingInputsStartedStep.execute(MarkSnapshottingInputsStartedStep.java:39)  
at org.gradle.internal.execution.steps.LoadExecutionStateStep.execute(LoadExecutionStateStep.java:40)  
at org.gradle.internal.execution.steps.LoadExecutionStateStep.execute(LoadExecutionStateStep.java:28)  
at org.gradle.internal.execution.impl.DefaultWorkExecutor.execute(DefaultWorkExecutor.java:33)  
at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocationFactory\$2.lambda\$call\$2(DefaultTransformerInvocationFactory.java:200)  
... 53 more  
Caused by: java.lang.StringIndexOutOfBoundsException: String index out of range: -2  
at org.objectweb.asm.signature.SignatureReader.parseType(SignatureReader.java:178)  
at org.objectweb.asm.signature.SignatureReader.acceptType(SignatureReader.java:140)  
at org.objectweb.asm.commons.Remapper.mapSignature(Remapper.java:208)  
at org.objectweb.asm.commons.ClassRemapper.visitField(ClassRemapper.java:142)  
at org.objectweb.asm.ClassReader.readField(ClassReader.java:897)  
at org.objectweb.asm.ClassReader.accept(ClassReader.java:674)  
at org.objectweb.asm.ClassReader.accept(ClassReader.java:391)  
at com.android.tools.build.jetifier.processor.AndroidXRefScanner.visit(AndroidXRefScanner.kt:83)  
at com.android.tools.build.jetifier.processor.archive.ArchiveFile.accept(ArchiveFile.kt:53)  
at com.android.tools.build.jetifier.processor.AndroidXRefScanner.visit(AndroidXRefScanner.kt:67)  
at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)  
at com.android.tools.build.jetifier.processor.AndroidXRefScanner.visit(AndroidXRefScanner.kt:67)  
at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)  
at com.android.tools.build.jetifier.processor.AndroidXRefScanner.scan(AndroidXRefScanner.kt:57)  
at com.android.tools.build.jetifier.processor.Processor.filterOutLibrariesWithAndroidX(Processor.kt:379)  
at com.android.tools.build.jetifier.processor.Processor.transform2(Processor.kt:283)  
at com.android.build.gradle.internal.dependency.JetifyTransform.transform(JetifyTransform.kt:141)  
... 98 more

✓ Mentioned issues (1)    ✓ Links (16)

Hide all

🔍 Mentioned issues (1)

-- --      "Also, we are planning to remove Jetifier support in a future release (internal [Issue 167700246](#) )."      hu...@ #12

🔗 Links (16)

- " - Check out existing issues at <https://issuetracker.google.com/issue>" ak...@ #1
- " ... - If this issue has not been filed, please report it at <https://issu>" ak...@ #1
- "[etracker.google.com/issues/new?component=460323](https://issuetracker.google.com/issues/new?component=460323) (run with --stacktrace and provi" ak...@ #1
- "<http://org.gradle.execution.ExcludedTaskFilteringBuildConfig...> " ak...@ #1
- "<http://org.gradle.launcher.exec.BuildCompletionNotifyingBuild...>" ak...@ #1

See all related links

	<b>mo...@tikalk.com</b> <mo...@tikalk.com> <a href="#">#2</a>	Oct 15, 2020 10:52PM
	<p>Maybe has to do with compiling the aar using gradle tools 4.1.0?</p>	
	<b>mo...@tikalk.com</b> <mo...@tikalk.com> <a href="#">#3</a>	Oct 15, 2020 11:14PM
	<p>... and also related to proguard, because compiling an aar with <code>minifyEnabled false</code> does not fail.</p>	
	<b>mo...@tikalk.com</b> <mo...@tikalk.com> <a href="#">#4</a>	Oct 16, 2020 02:07AM
	<p>workaround is to disable jetifier in <code>gradle.properties</code></p> <p><code>android.enableJetifier=false</code></p>	
	<b>ak...@gmail.com</b> <ak...@gmail.com> <a href="#">#5</a>	Oct 16, 2020 06:44AM
	<p>Hi,</p> <p>1) You said: "workaround is to disable jetifier in <code>gradle.properties</code>" - it doesn't work. Did you tried it by yourself?</p> <p>The one and only workaround is rollback to <code>com.android.tools.build:gradle:4.0.2</code>.</p> <p>2) You said: "and also related to proguard, because compiling an aar with <code>minifyEnabled false</code> does not fail" - so because of the buggy jetifier I have to switch off obfuscation? Are you serious?</p> <p>3) You said: "Maybe has to do with compiling the aar using gradle tools 4.1.0" - first of all, aar was compiled with 4.1.0.</p> <p>And last but not least - jetifier should handle any JAR / AAR. If it 3-rd party library, how can I know which way it was compiled?</p> <p>So, your team just broke jetifier. Sad, but true.</p> <p>Just roll it back to the version from <code>com.android.tools.build:gradle:4.0.2</code> - I believe it's the best you can do.</p>	
	<b>ne...@marcell.it</b> <ne...@marcell.it> <a href="#">#6</a>	Oct 17, 2020 07:46PM
	<p>Same here. Gradle 4.1.0. Turning off jettyfier solves the problem,, but it is not an option for me.</p> <p>This error caused by an embed class. This class is in WebRTC source for me.</p> <p><a href="https://chromium.googlesource.com/external/webrtc/t/refs/heads/master/rtc_base/java/src/org/webRTC/ThreadUtils.java">https://chromium.googlesource.com/external/webrtc/t/refs/heads/master/rtc_base/java/src/org/webRTC/ThreadUtils.java</a></p> <p>It is a small templated class embended in a static function:</p>	
	<pre> VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/ThreadUtils\$1Result.class Exception in thread "main" java.lang.StringIndexOutOfBoundsException: begin 1, end -1, length 2     at java.base/java.lang.String.checkBoundsBeginEnd(String.java:3319)     at java.base/java.lang.String.substring(String.java:1874)     at org.objectweb.asm.signature.SignatureReader.parseType(SignatureReader.java:169)     at org.objectweb.asm.signature.SignatureReader.acceptType(SignatureReader.java:130)     at org.objectweb.asm.commons.Remapper.mapSignature(Remapper.java:164)     at org.objectweb.asm.commons.ClassRemapper.visitField(ClassRemapper.java:112)     at org.objectweb.asm.ClassReader.readField(ClassReader.java:883)     at org.objectweb.asm.ClassReader.accept(ClassReader.java:694)     at org.objectweb.asm.ClassReader.accept(ClassReader.java:500)     at com.android.tools.build.jetifier.processor.transform.bytecode.ByteCodeTransformer.runTransform(ByteCodeTransformer.kt:40)     at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:549)     at com.android.tools.build.jetifier.processor.archive.ArchiveFile.accept(ArchiveFile.kt:53)     at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:531)     at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)     at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:531)     at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)     at com.android.tools.build.jetifier.processor.Processor.transformLibrary(Processor.kt:527)     at com.android.tools.build.jetifier.processor.Processor.transform2(Processor.kt:292)     at com.android.tools.build.jetifier.processor.Processor.transform2\$default(Processor.kt:252)     at com.android.tools.build.jetifier.standalone.Main.run(Main.kt:156)     at com.android.tools.build.jetifier.standalone.Main\$Companion.main(Main.kt:109)     at com.android.tools.build.jetifier.standalone.Main.main(Main.kt) </pre>	
	<b>ne...@marcell.it</b> <ne...@marcell.it> <a href="#">#7</a>	Oct 17, 2020 08:04PM
	<p>Same here. Gradle 4.1.0.</p> <p>Turning off jettyfier or proguard solves the problem. The problem caused be ProGuard itself with an empty proguard file too.</p> <p>This error caused by an embed class. This class is in WebRTC source for me.</p>	



[https://chromium.googlesource.com/external/webRTC+/refs/heads/master/rtc\\_base/java/src/org/webRTC/ThreadUtils.java](https://chromium.googlesource.com/external/webRTC+/refs/heads/master/rtc_base/java/src/org/webRTC/ThreadUtils.java)

It is a small templated class embended in a static function:

```
public static <V> V invokeAtFrontUninterruptibly(
    final Handler handler, final Callable<V> callable) {
    ....
    class Result {
        public V value;
    }
    ....
}
```

Extract the class in separate file solves the problem.

```
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/ThreadUtils$1Result.class
Exception in thread "main" java.lang.StringIndexOutOfBoundsException: begin 1, end -1, length 2
    at java.base/java.lang.String.checkBoundsBeginEnd(String.java:3319)
    at java.base/java.lang.String.substring(String.java:1874)
    at org.objectweb.asm.signature.SignatureReader.parseType(SignatureReader.java:169)
    at org.objectweb.asm.signature.SignatureReader.acceptType(SignatureReader.java:130)
    at org.objectweb.asm.commons.Remapper.mapSignature(Remapper.java:164)
    at org.objectweb.asm.commons.ClassRemapper.visitField(ClassRemapper.java:112)
    at org.objectweb.asm.ClassReader.readField(ClassReader.java:883)
    at org.objectweb.asm.ClassReader.accept(ClassReader.java:694)
    at org.objectweb.asm.ClassReader.accept(ClassReader.java:500)
    at com.android.tools.build.jetifier.processor.transform.bytecode.ByteCodeTransformer.runTransform(ByteCodeTransformer.kt:40)
    at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:549)
    at com.android.tools.build.jetifier.processor.archive.ArchiveFile.accept(ArchiveFile.kt:53)
    at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:531)
    at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)
    at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:531)
    at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)
    at com.android.tools.build.jetifier.processor.Processor.transformLibrary(Processor.kt:527)
    at com.android.tools.build.jetifier.processor.Processor.transform2(Processor.kt:292)
    at com.android.tools.build.jetifier.processor.Processor.transform2$default(Processor.kt:252)
    at com.android.tools.build.jetifier.standalone.Main.run(Main.kt:156)
    at com.android.tools.build.jetifier.standalone.Main$Companion.main(Main.kt:109)
    at com.android.tools.build.jetifier.standalone.Main.main(Main.kt)
```

hu...@google.com <hu...@google.com> [#8](#)

Oct 20, 2020 08:52AM ⋮

Assigned to hu...@google.com.

You can add the following to your `gradle.properties` to skip jetifying only the specified library (instead of disabling Jetifier entirely):

```
android.jetifier.blacklist=yakhont-full.aar
// Starting with AGP 4.2, `android.jetifier.blacklist` will be renamed to `android.jetifier.ignorelist`.
```

ak...@gmail.com <ak...@gmail.com> [#9](#)

Oct 20, 2020 11:09AM ⋮

It doesn't work.

Again, for the moment the one and only workaround is rollback to `com.android.tools.build:gradle:4.0.2`.

ak...@gmail.com <ak...@gmail.com> [#10](#)

Oct 20, 2020 11:13AM ⋮

Jetifier in 4.1.0 is buggy like hell.

he...@gmail.com <he...@gmail.com> [#11](#)

Oct 21, 2020 08:00PM ⋮

I'm facing the same problem on my Android library after migrating to AS 4.1, as said before, the only way to fix it is to rollback to AGP 4.0.2, disable Jetifier, or disable R8.

> Failed to transform '`<lib-path>/<lib-name>.aar`' using Jetifier. Reason: `StringIndexOutOfBoundsException`, message: String index out of range: 29. (Run with `--stacktrace` for more details.)

hu...@google.com <hu...@google.com> [#12](#)

Oct 21, 2020 09:00PM ⋮

@9, 10: Both AGP 4.0.2 and 4.1.0 use Jetifier 1.0.0-beta09, so I'm not sure why your project only breaks with AGP 4.1.0.

Note that Jetifier is only a helping tool, it is not meant to work in all cases, so there will be cases where a manual migration to AndroidX is required.

Also, we are planning to remove Jetifier support in a future release (internal Issue 167700246).

hu...@google.com <hu...@google.com> [#13](#)

Oct 21, 2020 09:01PM ⋮

@11: If disabling Jetifier (or `android.jetifier.blacklist=<lib-name>.aar`) works for you, then definitely use that, as there is no benefit in enabling Jetifier in your case.

ne...@marcell.it <ne...@marcell.it> [#14](#)

Oct 21, 2020 09:13PM ⋮

My lib is public. I can't really say to users 'please add to Jetifier blacklist'. Jetifier nothing to do with my lib, does not contains support libraries. Simply just run over to check, but fails at this point.

ne...@marcell.it <ne...@marcell.it> [#15](#)

Oct 21, 2020 09:36PM ⋮

When library compiled with gradle plugin 4.0.2 it works just fine. With 4.1.0 it breaks. The application's gradle plugin version doesn't matter. The issue depends on library compiling side. Something changed in compiler, not in jetifier.

he...@gmail.com <he...@gmail.com> [#16](#)

Oct 21, 2020 09:41PM ⋮

@15 I can confirm this! The host app can still use plugin 4.1.0 and correctly integrate a library if the library has been compiled with 4.0.2.

ne...@marcell.it <ne...@marcell.it> [#17](#)

Oct 21, 2020 10:54PM ⋮

I think I could isolate the problem: The issue exists only with enabled ProGuard and gradle plugin 4.1. With 4.0.2 there is no issue regardless of ProGuard.

When ProGuard turned off, it's working. If add this line to library proguard file, the build fails in application:  
-keep class org.webrtc.\*\* { \*; }

If I keep empty the proguard file, there is no problem.

So, if proguard obfuscate, optimize and strip the code it's working. If leave code untouched, it fails.  
I think compiler add something to the compiled code that breaks jetifier, what ProGuard can strip and jetifier not fail.

There is two AAR. One with ProGuard -keep class line, that fails. The other without this line that working:  
[https://drive.google.com/drive/folders/1bg\\_KOAhzz6J\\_bcxw08bXewguRS6yAsRA?usp=sharing](https://drive.google.com/drive/folders/1bg_KOAhzz6J_bcxw08bXewguRS6yAsRA?usp=sharing)

ne...@marcell.it <ne...@marcell.it> [#18](#)

Oct 21, 2020 11:00PM ⋮

```
jetifier-core-1.0.0-beta09
---
./jetifier-standalone -i jetifier_not_working.aar -o jetifier_out.aar -l verbose
VERBOSE: [Config] Using the default config '/default.generated.config'
INFO: [Archive] Extracting: /Users/westito/Downloads/jetifier-standalone/bin/jetifier_not_working.aar
VERBOSE: [Archive] Extracting archive: proguard.txt
VERBOSE: [Archive] Extracting archive: R.txt
VERBOSE: [Archive] Extracting archive: AndroidManifest.xml
INFO: [Archive] Extracting nested: classes.jar
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnectionFactory$Builder.class
VERBOSE: [Archive] Extracting archive: org/webrtc/SurfaceEglRenderer.class
VERBOSE: [Archive] Extracting archive: org/webrtc/NetworkMonitorAutoDetect$1.class
VERBOSE: [Archive] Extracting archive: org/webrtc/SurfaceTextureHelper$1.class
VERBOSE: [Archive] Extracting archive: org/webrtc/Logging.class
VERBOSE: [Archive] Extracting archive: org/webrtc/SessionDescription$Type.class
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnection$IceConnectionState.class
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnectionFactory$1.class
VERBOSE: [Archive] Extracting archive: org/webrtc/RendererCommon$GIDrawer.class
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoDecoder$Settings.class
VERBOSE: [Archive] Extracting archive: org/webrtc/LibvpxVp8Encoder.class
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoProcessor.class
VERBOSE: [Archive] Extracting archive: org/webrtc/GlRectDrawer$ShaderCallbacks.class
VERBOSE: [Archive] Extracting archive: org/webrtc/EglBase14$Context.class
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraCapturer$9.class
VERBOSE: [Archive] Extracting archive: org/webrtc/voiceengine/WebRtcAudioEffects.class
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoEncoderFactory.class
VERBOSE: [Archive] Extracting archive: org/webrtc/Predicate$1.class
VERBOSE: [Archive] Extracting archive: org/webrtc/SurfaceTextureHelper.class
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraEnumerationAndroid$2.class
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnection.class
VERBOSE: [Archive] Extracting archive: org/webrtc/EncodedImage$1.class
VERBOSE: [Archive] Extracting archive: org/webrtc/GlUtil.class
VERBOSE: [Archive] Extracting archive: org/webrtc/NetworkChangeDetector$NetworkInformation.class
VERBOSE: [Archive] Extracting archive: org/webrtc/NetworkChangeDetector$ConnectionType.class
VERBOSE: [Archive] Extracting archive: org/webrtc/StatsObserver.class
VERBOSE: [Archive] Extracting archive: org/webrtc/voiceengine/WebRtcAudioRecord$WebRtcAudioRecordSamplesReadyCallback.class
VERBOSE: [Archive] Extracting archive: org/webrtc/audio/JavaAudioDeviceModule$AudioTrackStateCallback.class
VERBOSE: [Archive] Extracting archive: org/webrtc/RtpParameters$Codec.class
VERBOSE: [Archive] Extracting archive: org/webrtc/AndroidVideoDecoder.class
VERBOSE: [Archive] Extracting archive: org/webrtc/TextureBufferImpl.class
VERBOSE: [Archive] Extracting archive: org/webrtc/NetworkChangeDetectorFactory.class
VERBOSE: [Archive] Extracting archive: org/webrtc/EglBase10.class
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraCapturer$3.class
VERBOSE: [Archive] Extracting archive: org/webrtc/ThreadUtils$BlockingOperation.class
```

VERBOSE: [Archive] Extracting archive: org/webrtc/VideoFrame.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/TextureBufferImpl\$1.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/ThreadUtils\$1.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoEncoder\$BitrateAllocation.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/EncodedImage.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/SdpObserver.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/voiceengine/WebRtcAudioTrack\$ErrorCallback.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnection\$ContinualGatheringPolicy.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraVideoCapturer\$CameraSwitchHandler.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/voiceengine/BuildInfo.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/LibvpxVp9Encoder.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/audio/VolumeLogger\$LogVolumeTask.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/DefaultVideoDecoderFactory.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/AudioSource.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/audio/JavaAudioDeviceModule\$AudioTrackErrorCallback.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/SurfaceTextureHelper\$FrameRefMonitor.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraSession.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/ScreenCapturerAndroid\$2.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraVideoCapturer\$MediaRecorderHandler.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/MediaStreamTrack\$MediaType.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraCapturer\$4.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CallSessionFileRotatingLogSink.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/GlUtil\$GLOutOfMemoryException.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/ThreadUtils\$2.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CryptoOptions\$1.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/NativeLibrary.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/DataChannel\$State.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/BitrateAdjuster.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraVideoCapturer\$CameraStatistics.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/AudioEncoderFactoryFactory.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/Camera1Session.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/HardwareVideoEncoder\$BusyCount.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/MediaCodecWrapper.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/audio/JavaAudioDeviceModule\$Builder.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/Camera2Session\$1.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoEncoder\$CodecSpecificInfo.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/Predicate\$2.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoEncoder\$ResolutionBitrateLimits.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/ContextUtils.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnection\$SdpSemantics.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoFrame\$TextureBuffer\$Type.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/CameraEnumerationAndroid\$ClosestComparator.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/EglBase10\$Context.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/Camera2Session\$CaptureSessionCallback.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/Metrics.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/VideoEncoder\$Settings.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/RendererCommon\$1.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/SSLCertificateVerifier.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/JniCommon.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnectionFactory\$InitializationOptions.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/PlatformSoftwareVideoDecoderFactory\$1.class  
VERBOSE: [Archive] Extracting archive: org/webrtc/PeerConnection\$TlsCertPolicy.class  
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VERBOSE: [Archive] Extracting archive: jni/arm64-v8a/libjingle\_peerconnection\_so.so  
VERBOSE: [Archive] Extracting archive: jni/armeabi-v7a/libjingle\_peerconnection\_so.so  
VERBOSE: [Archive] Extracting archive: jni/x86/libjingle\_peerconnection\_so.so  
VERBOSE: [Archive] Extracting archive: jni/x86\_64/libjingle\_peerconnection\_so.so  
VERBOSE: [Archive] Extracting archive: META-INF/com/android/build/gradle/aar-metadata.properties  
INFO: [Processor] Started new transformation  
INFO: [Processor] - Input file: jetifier\_not\_working.aar  
VERBOSE: [Processor] [Applied: ProGuardTransformer] proguard.txt  
VERBOSE: [Processor] [Skipped] R.txt  
VERBOSE: [Processor] [Applied: XmlResourcesTransformer] AndroidManifest.xml  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/PeerConnectionFactory\$Builder.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/SurfaceEglRenderer.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/NetworkMonitorAutoDetect\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/SurfaceTextureHelper\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/Logging.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/SessionDescription\$Type.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/PeerConnection\$IceConnectionState.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/PeerConnectionFactory\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/RendererCommon\$Gldrawer.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoDecoder\$Settings.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/LibvpxVp8Encoder.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoProcessor.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/GlRectDrawer\$ShaderCallbacks.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/EglBase14\$Context.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraCapturer\$9.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/voiceengine/WebRtcAudioEffects.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoEncoderFactory.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/Predicate\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/SurfaceTextureHelper.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraEnumerationAndroid\$2.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/PeerConnection.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/EncodedImage\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/GlUtil.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/NetworkChangeDetector\$NetworkInformation.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/NetworkChangeDetector\$ConnectionType.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/StatsObserver.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/voiceengine/WebRtcAudioRecord\$WebRtcAudioRecordSamplesReadyCallback.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/audio/JavaAudioDeviceModule\$AudioTrackStateCallback.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/RtpParameters\$Codec.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/AndroidVideoDecoder.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/TextureBufferImpl.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/NetworkChangeDetectorFactory.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/EglBase10.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraCapturer\$3.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/ThreadUtils\$BlockingOperation.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoFrame.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/TextureBufferImpl\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/ThreadUtils\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoEncoder\$BitrateAllocation.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/EncodedImage.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/SdpObserver.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/voiceengine/WebRtcAudioTrack\$ErrorCallback.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/PeerConnection\$ContinualGatheringPolicy.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraVideoCapturer\$CameraSwitchHandler.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/voiceengine/BuildInfo.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/LibvpxVp9Encoder.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/audio/VolumeLogger\$LogVolumeTask.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/DefaultVideoDecoderFactory.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/AudioSource.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/audio/JavaAudioDeviceModule\$AudioTrackErrorCallback.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/SurfaceTextureHelper\$FrameRefMonitor.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraSession.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/ScreenCapturerAndroid\$2.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraVideoCapturer\$MediaRecorderHandler.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/MediaStreamTrack\$MediaType.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraCapturer\$4.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CallSessionFileRotatingLogSink.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/GlUtil\$GlOutOfMemoryException.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/ThreadUtils\$2.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CryptoOptions\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/NativeLibrary.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/DataChannel\$State.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/BitrateAdjuster.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/CameraVideoCapturer\$CameraStatistics.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/AudioEncoderFactoryFactory.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/Camera1Session.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/HardwareVideoEncoder\$BusyCount.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/MediaCodecWrapper.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/audio/JavaAudioDeviceModule\$Builder.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/Camera2Session\$1.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoEncoder\$CodecSpecificInfo.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/Predicate\$2.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoEncoder\$ResolutionBitrateLimits.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/ContextUtils.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/PeerConnection\$SdpSemantics.class  
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webrtc/VideoFrame\$TextureBuffer\$Type.class

VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/CameraEnumerationAndroid\$ClosestComparator.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/EglBase10\$Context.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/Camera2Session\$CaptureSessionCallback.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/Metrics.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/VideoEncoder\$Settings.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/RendererCommon\$1.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/SSLCertificateVerifier.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/JniCommon.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/PeerConnectionFactory\$InitializationOptions.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/PlatformSoftwareVideoDecoderFactory\$1.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/PeerConnection\$TlsCertPolicy.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/JNILogging.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/CameraCapturer\$2.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/RendererCommon\$VideoLayoutMeasure.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/VideoFrameDrawer\$1.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/EglRenderer\$FrameListenerAndParams.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/GlRectDrawer\$1.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/VideoTrack.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/voiceengine/WebRtcAudioRecord\$AudioRecordThread.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/NetworkMonitor.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/HardwareVideoDecoderFactory\$1.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/CameraSession\$Events.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/TextureBufferImpl\$2.class  
 VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/ThreadUtils\$1Result.class  
 Exception in thread "main" java.lang.StringIndexOutOfBoundsException: begin 1, end -1, length 2  
 at java.base/java.lang.String.checkBoundsBeginEnd(String.java:3319)  
 at java.base/java.lang.String.substring(String.java:1874)  
 at org.objectweb.asm.signature.SignatureReader.parseType(SignatureReader.java:169)  
 at org.objectweb.asm.signature.SignatureReader.acceptType(SignatureReader.java:130)  
 at org.objectweb.asm.commons.Remapper.mapSignature(Remapper.java:164)  
 at org.objectweb.asm.commons.ClassRemapper.visitField(ClassRemapper.java:112)  
 at org.objectweb.asm.ClassReader.readField(ClassReader.java:883)  
 at org.objectweb.asm.ClassReader.accept(ClassReader.java:694)  
 at org.objectweb.asm.ClassReader.accept(ClassReader.java:500)  
 at com.android.tools.build.jetifier.processor.transform.bytecode.ByteCodeTransformer.runTransform(ByteCodeTransformer.kt:40)  
 at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:549)  
 at com.android.tools.build.jetifier.processor.archive.ArchiveFile.accept(ArchiveFile.kt:53)  
 at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:531)  
 at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)  
 at com.android.tools.build.jetifier.processor.Processor.visit(Processor.kt:531)  
 at com.android.tools.build.jetifier.processor.archive.Archive.accept(Archive.kt:77)  
 at com.android.tools.build.jetifier.processor.Processor.transformLibrary(Processor.kt:527)  
 at com.android.tools.build.jetifier.processor.Processor.transform2(Processor.kt:292)  
 at com.android.tools.build.jetifier.processor.Processor.transform2\$default(Processor.kt:252)  
 at com.android.tools.build.jetifier.standalone.Main.run(Main.kt:156)  
 at com.android.tools.build.jetifier.standalone.Main\$Companion.main(Main.kt:109)  
 at com.android.tools.build.jetifier.standalone.Main.main(Main.kt)

hu...@google.com <hu...@google.com> [#19](#)

Oct 22, 2020 12:39AM

AGP 4.0.1 uses R8 2.0.88, and AGP 4.1.0 uses R8 2.1.62. Can you force AGP 4.1.0 to use R8 2.0.88 by adding the following build script and retry:

```
buildscript {
    repositories {
        maven {
            url 'https://storage.googleapis.com/r8-releases/raw'
        }
    }
    dependencies {
        classpath 'com.android.tools:r8:2.0.88' // Default version used by AGP 4.0.1, must be placed before the AGP line below
        classpath 'com.android.tools.build:gradle:4.1.0'
    }
}
```

This will help confirm whether there was a regression in R8.

ne...@marcell.it <ne...@marcell.it> [#20](#)

Oct 22, 2020 01:15AM

#19 - It's working. There is something with R8 2.1.62 + ProGuard combination.  
 Although, this is still a workaround, not a solution. This is a bug what have to be fixed.

Clarify:

When ProGuard turned off: working

When ProGuard turned on with empty config: working

When ProGuard turned on with "-keep class [package that contains breaking code]": fail

The embended class in a generic static function that breaks jetifier:

```
public static <V> V invokeAtFrontUninterruptibly(
    final Handler handler, final Callable<V> callable) {
```

....

```
class Result {
    public V value;
```

```
}  
....  
}
```

hu...@google.com <hu...@google.com> [#21](#)

Oct 22, 2020 02:32AM ⋮

Reassigned to ch...@google.com.

When ProGuard turned on with "-keep class [package that contains breaking code]": fail

To clarify a bit more: It fails\* with R8 2.1.62 (used by AGP 4.1.0), but it works with R8 2.0.88 (used by AGP 4.0.1).

\*When the aar is produced with R8 2.1.62, Jetifier fails to read the aar with the following exception:

```
VERBOSE: [Processor] [Applied: ByteCodeTransformer] org/webRTC/ThreadUtils$1Result.class  
Exception in thread "main" java.lang.StringIndexOutOfBoundsException: begin 1, end -1, length 2  
    at java.base/java.lang.String.checkBoundsBeginEnd(String.java:3319)  
    at java.base/java.lang.String.substring(String.java:1874)  
    at org.objectweb.asm.signature.SignatureReader.parseType(SignatureReader.java:169)  
    at org.objectweb.asm.signature.SignatureReader.acceptType(SignatureReader.java:130)  
    at org.objectweb.asm.commons.Remapper.mapSignature(Remapper.java:164)  
    at org.objectweb.asm.commons.ClassRemapper.visitField(ClassRemapper.java:112)  
    at org.objectweb.asm.ClassReader.readField(ClassReader.java:883)  
    at org.objectweb.asm.ClassReader.accept(ClassReader.java:694)  
    at org.objectweb.asm.ClassReader.accept(ClassReader.java:500)  
    at com.android.tools.build.jetifier.processor.transform.bytecode.ByteCodeTransformer.runTransform(ByteCodeTransformer.kt:40)
```

hu...@google.com <hu...@google.com> [#22](#)

Oct 22, 2020 02:37AM ⋮

@Christoffer: This seems to be a regression in AGP 4.1.0 with the root cause in R8. Could you look at the info from comment #19-#21 and help investigate/triage this issue? Thanks!

hu...@google.com <hu...@google.com> [#23](#)

Oct 22, 2020 02:56AM ⋮

(Btw, comment #17 has a link to the failing aar.)

hu...@google.com <hu...@google.com> [#24](#)

Oct 22, 2020 06:16AM ⋮

cc Jerome so this is under your radar for AGP 4.1.1 (although we haven't been able to confirm the root cause yet).

ch...@google.com <ch...@google.com>

Oct 22, 2020 07:46PM

Reassigned to mk...@google.com.

mk...@google.com <mk...@google.com> [#25](#)

Oct 22, 2020 09:24PM ⋮

R8 was not doing a good job of rewriting generic signatures in version 2.1. This was basically first resolved with <https://r8-review.googlesource.com/c/r8/+54801/> which is scheduled for version 2.3. Is it possible to circumvent the issue? Backporting a fix to version 2.1.X would probably be too big of a fix but we could probably fix it on 2.2.

hu...@google.com <hu...@google.com> [#26](#)

Oct 23, 2020 12:04AM ⋮

Is it possible to circumvent the issue?

I think the challenge with this R8 bug is that the library is still built successfully, and it only becomes a problem when the app uses it, so not all library developers are aware of the issue/workarounds.

For the reference, I'm listing the current workarounds anyway:

- For the library's author:
  - Rollback to AGP 4.0.2
  - Use AGP 4.1.0, but rollback to R8 2.0.88 (comment #19)
  - Disable shrinking
  - Modify keep rules (comment #17)
  - Avoid using generics/inner classes (comment #7)
- For an app that uses the corrupted published library:
  - Disable Jetifier (via `android.enableJetifier=false` or `android.jetifier.blacklist`). Note that it's hard for the library's author to communicate this workaround to the library's users. Also, even then the issue is not actually fixed, so it may manifest as some other failure later.

ap...@google.com <ap...@google.com> [#27](#)

Oct 27, 2020 06:38PM ⋮

Project: r8  
Branch: 2.2

commit 71c85f8e0e255ad9da94888ba081df72256b1d1e  
Author: Morten Krogh-Jespersen <[mkroghj@google.com](mailto:mkroghj@google.com)>  
Date: Mon Oct 26 20:21:40 2020

Version 2.2.34

Add GenericSignatureTypeRewriter and use it for rewriting.

Bug: 170915828  
Bug: 154793333  
Change-Id: I009a1a0153deb596087e14b3e810f266fc5ceec1

M src/main/java/com/android/tools/r8/Version.java

<https://r8-review.googlesource.com/55361>

ap...@google.com <ap...@google.com> #28

Oct 27, 2020 06:38PM ⋮

Project: r8  
Branch: 2.2

commit 71583d46077d989d7e688b9083dc04e31625a5e5  
Author: Morten Krogh-Jespersen <[mkroghj@google.com](mailto:mkroghj@google.com)>  
Date: Mon Oct 26 20:21:09 2020

Add GenericSignatureTypeRewriter and use it for rewriting

The CL adds GenericSignatureTypeRewriter and adds the new  
GenericSignature for parsing and type-rewriting.

Bug: 170915828  
Bug: 154793333  
Change-Id: I7c4ba9e8bf5752abf2a19e261804b7895de11f34

M src/main/java/com/android/tools/r8/graph/DexClass.java  
M src/main/java/com/android/tools/r8/graph/GenericSignature.java  
A src/main/java/com/android/tools/r8/graph/GenericSignatureTypeRewriter.java  
M src/main/java/com/android/tools/r8/naming/signature/GenericSignatureRewriter.java  
M src/main/java/com/android/tools/r8/Utils/InternalOptions.java  
M src/main/java/com/android/tools/r8/Utils/PredicateUtils.java  
A src/test/java/com/android/tools/r8/graph/genericsignature/ClassSignatureTest.java  
M src/test/java/com/android/tools/r8/naming/b126592786/B126592786.java  
M src/test/java/com/android/tools/r8/naming/signature/GenericSignatureRenamingTest.java

<https://r8-review.googlesource.com/55360>

ap...@google.com <ap...@google.com> #29

Oct 28, 2020 03:12AM ⋮

Project: r8  
Branch: 2.1

commit 01ee3782c38e411c1578c1a1754e7827f7b21dab  
Author: Morten Krogh-Jespersen <[mkroghj@google.com](mailto:mkroghj@google.com)>  
Date: Tue Oct 27 17:09:06 2020

Add GenericSignatureTypeRewriter and use it for rewriting

The CL adds GenericSignatureTypeRewriter and adds the new  
GenericSignature for parsing and type-rewriting.

Bug: 170915828  
Bug: 154793333  
Change-Id: I7c4ba9e8bf5752abf2a19e261804b7895de11f34

M src/main/java/com/android/tools/r8/graph/DexClass.java  
M src/main/java/com/android/tools/r8/graph/GenericSignature.java  
A src/main/java/com/android/tools/r8/graph/GenericSignatureTypeRewriter.java  
M src/main/java/com/android/tools/r8/naming/signature/GenericSignatureRewriter.java  
M src/main/java/com/android/tools/r8/Utils/InternalOptions.java  
M src/main/java/com/android/tools/r8/Utils/PredicateUtils.java  
M src/test/java/com/android/tools/r8/graph/genericsignature/ClassSignatureTest.java  
M src/test/java/com/android/tools/r8/naming/b126592786/B126592786.java  
M src/test/java/com/android/tools/r8/naming/signature/GenericSignatureRenamingTest.java

<https://r8-review.googlesource.com/55330>

ap...@google.com <ap...@google.com> #30

Oct 28, 2020 03:12AM ⋮

Project: r8  
Branch: 2.1

commit 506b50a06f48bb1fe6bceac617acabafc7107f83  
Author: Morten Krogh-Jespersen <[mkroghj@google.com](mailto:mkroghj@google.com)>  
Date: Tue Oct 27 17:09:17 2020

Version 2.1.78

Add GenericSignatureTypeRewriter and use it for rewriting.

Bug: 170915828

Bug: 154793333

Change-Id: I96aa566d605c85c4899bfa414069c0798640183e

M src/main/java/com/android/tools/r8/Version.java

<https://r8-review.googlesource.com/55309>

**mk...@google.com** <[mk...@google.com](mailto:mk...@google.com)>

Oct 28, 2020 05:13AM

Verified by [mk...@google.com](mailto:mk...@google.com).

**hu...@google.com** <[hu...@google.com](mailto:hu...@google.com)> [#31](#)

Oct 28, 2020 07:47AM

Status: Assigned (reopened)

Hi Morten, thanks for quickly fixing this bug in R8!

I think we'll also need to ensure AGP 4.1.1 gets a new version of R8 that includes this fix, so I'm reopening this bug to track that.

The cutoff date for AGP 4.1.1 was last Wed, but we may still be able to make it if we ask Saurabh to help (once we have the R8 version upgrade CL in AGP). If you need more info, feel free to ping me.

**mk...@google.com** <[mk...@google.com](mailto:mk...@google.com)> [#32](#)

Oct 28, 2020 06:48PM

The fix is based on the rewriter we have scheduled for version Studio 4.3. We therefore have very little usage of it at the moment and therefore decided to only land the change on the 4.2 branch to get canary and beta coverage.

The developers who has libraries that are broken will need to recompile their libraries again and use version 2.1.78 - which has the same fix but on the 2.1 branch. To use that version, they would have to add the following to their top-level build.gradle file:

```
buildscript {  
  
    repositories {  
        maven {  
            url 'https://storage.googleapis.com/r8-releases/raw'  
        }  
    }  
  
    dependencies {  
        classpath 'com.android.tools:r8:2.1.78' // Must be before the Gradle Plugin for Android.  
        classpath 'com.android.tools.build:gradle:X.Y.Z' // Your current AGP version.  
    }  
}
```

That is of course a bit annoying for the library developers but they would have to upgrade studio anyway to get the fix.

Version 2.1.79 had the fix reverted to ensure we do not land the fix in 4.1.1 until it has been tested thoroughly.

**hu...@google.com** <[hu...@google.com](mailto:hu...@google.com)> [#33](#)

Oct 28, 2020 09:23PM

Thanks, just to summarize your info from AGP perspective (and also to make it easier for users to understand our plans):

- AGP 7.0 stable will not have this bug (btw, AGP 7.0 is the next version after 4.2).
- AGP 4.2 stable will not have this bug.
- AGP 4.1.1+ may or may not have this bug depending on whether we are confident with the fix and decide to cherry-pick it into AGP 4.1.1+ or not. The recommended workaround for users using AGP 4.1.x is to update their build script with the snippet in comment #32.

**mk...@google.com** <[mk...@google.com](mailto:mk...@google.com)>

Nov 3, 2020 01:46AM

Verified by [mk...@google.com](mailto:mk...@google.com).