📁 Android Public Tracker > App Development > Android Studio > Gradle > Android Gradle Plugin   162527853 ▾

← ↻ ☆   **android studio regularly but randomly throws error a jar file is missing in the map and stop during the build process**   +1¹   Hotlists   Unmark Duplicate   🔔   ⋮

Comments (24)   Dependencies   Duplicates (0)   Blocking (0)   Resources (20)

Duplicate of 154712997   Bug   P3   + Add Hotlist

👥 **STATUS UPDATE** No update yet.   Edit

📄 **DESCRIPTION** cm...@gmail.com created issue #1

Build: AI-193.6911.18.40.6626763, 202006250242,

AI-193.6911.18.40.6626763, JRE 1.8.0_242-release-1644-b3-6222593x64 JetBrains s.r.o, OS Linux(amd64) v4.15.0-72201912051620-generic, screens 3840x2160

AS: 4.0.1; Kotlin plugin: 1.3.72-release-Studio4.0-5; Android Gradle Plugin: 4.0.1; Gradle: 6.1.1; NDK: from local.properties: 21.3.6528147, latest from SDK: 21.3.6528147; LLDB: LLDB 3.1 (revision:

gradle depency: classpath 'com.android.tools.build:gradle:4.0.1' and gradle lib v6.1.1.

The problem start to appear after upgraded gradle dependency to 4.0.1 and lib v6.1.1

The problem happens regularly but randomly when starting a new cycle of debug after a source file change, or even a #comment line change in any of the build.gradle file. Following is the error n

> Key /home/cmeng/.gradle/caches/transforms-2/files-2.1/eae54c19ecf860a7fa36968130d70886/jetified-ice4j-2.0.0-SNAPSHOT.

How to reproduce:

1. check out the source from https://github.com/cmeng-git/atalk-android
2. Startup AS with project atalk-android
3. Startup an AVD
4. Start debug cycle i.e. Shift+F9
5. make some source change and build.gradle file change even in #comment statement
6. Perform a gradle sync
7. Repeat steps 4 to 6 a few times.
8. The problem will start to happen

To make AS to work again, perform "aTalk.Tasks.build.clean" from the gradle UI.

📎 **idea.log**
9.3 MB   View   Download

✓ Mentioned issues (2)   ✓ Links (12)

⚙ **Mentioned issues (2)**

[P1]   AS 3.6.2 / AGP 3.6.2 - DexArchiveBuilderTaskDelegate crashing during Dexing proccess // NoSuchElementException "Thank you for the info! This looks like a duplicate of Issue 154712997 (just

P2   NullPointerException in LambdaClass.createLambdaImplMethodTarget "Filed D8 issue b/163264839 for the stack in comment 18."

🔗 **Links (12)**

"check out the source from https://github.com/cmeng-git/atalk-android"
"https://issuetracker.google.com/components/192709"
"http://services.gradle.org/distributions/gradle-5.6.4-all.zip"
"http://services.gradle.org/distributions/gradle-6.5-all.zip"
"Get more help at https://help.gradle.org"

   See all related links

COMMENTS

○ **vi...@google.com** <vi...@google.com>

   Assigned to an...@google.com.

○ **je...@google.com** <je...@google.com>

   Reassigned to hu...@google.com.

○ **hu...@google.com** <hu...@google.com> #2

   What version of the Android Gradle plugin and Gradle are you upgrading from?

   The error message seems incomplete. Could you show us the full error message or attach a screenshot?

cm...@gmail.com <cm...@gmail.com> #3

> What version of the Android Gradle plugin and Gradle are you upgrading
from?

dependencies {
   classpath 'com.android.tools.build:gradle:4.0.1'
}

The error message seems incomplete. Could you show us the full error
message or attach a screenshot?
[image: Screenshot from 2020-08-04 08-44-36.png]

Above are all the error messages that were being shown.
Actually I found this is also a problem with AS; under this case, it clears
all the build status messages and only shows the last error message.

On Tue, Aug 4, 2020 at 4:52 AM <buganizer-system@google.com> wrote:

- Show quoted text -

📎 **gradle-wrapper.properties**
232 B Download

---

hu...@google.com <hu...@google.com> #4

You already mentioned that you're upgrading *to* 4.0.1, but I wonder what you are upgrading *from* (i.e., what was your previous AGP version?)

I can't see the screenshot, can you please reattach and make sure it's accessible in the comment?

---

cm...@gmail.com <cm...@gmail.com> #5

This was my last used gradle version before the upgrade classpath 'com.android.tools.build:gradle:3.6.3' distributionUrl=https://services.gradle.org/distributions/gradle-5.6.4-all.zip

📎 **Screenshot from 2020-08-04 08-44-36.png**
113 KB View Download

---

hu...@google.com <hu...@google.com> #6

Status: Duplicate of 154712997

Thank you for the info! This looks like a duplicate of Issue 154712997 (just not sure why you didn't see it on 3.6.3).

Please try again with AGP 4.1.0-alpha11+ and let us know if you still have this issue.

---

cm...@gmail.com <cm...@gmail.com> #7

I have just upgrade to AGP 4.1.0-Beta5, the problem remains unresolved.

```
Task :aTalk:dexBuilderFdroidDebug FAILED java.util.NoSuchElementException: Key /home/cmeng/.gradle/caches/transforms-2/files-2.1/3080de1ef41c7b73bef654e9b619b8a2/jetified-ice
com.android.build.gradle.internal.tasks.DexArchiveBuilderTaskDelegate.getDexOutputForJar(DexArchiveBuilderTaskDelegate.kt:831) at com.android.build.gradle.internal.tasks.DexArchive
com.android.build.gradle.internal.tasks.DexArchiveBuilderTaskDelegate.access$processClassFromInput(DexArchiveBuilderTaskDelegate.kt:69) at com.android.build.gradle.internal.tasks.[
com.android.build.gradle.internal.tasks.DexArchiveBuilderTaskDelegate$doProcess$$inlined$use$lambda$1.invoke(DexArchiveBuilderTaskDelegate.kt:69) at com.android.build.gradle.inte
com.android.build.gradle.internal.tasks.NewIncrementalTask$taskAction$$inlined$recordTaskAction$1.invoke(AndroidVariantTask.kt:73) at com.android.build.gradle.internal.tasks.NewInc
com.android.build.gradle.internal.tasks.NewIncrementalTask.taskAction(NewIncrementalTask.kt:34) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.Nativ
org.gradle.internal.reflect.JavaMethod.invoke(JavaMethod.java:104) at org.gradle.api.internal.project.taskfactory.IncrementalInputsTaskAction.doExecute(IncrementalInputsTaskAction.ja
org.gradle.api.internal.project.taskfactory.StandardTaskAction.execute(StandardTaskAction.java:28) at org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter$3.run(Execute/
org.gradle.internal.operations.DefaultBuildOperationExecutor$RunnableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:394) at org.gradle.internal.operations.DefaultBui
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:158) at org.gradle.internal.operations.DefaultBuildOperationExecutor.run(DefaultB
org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter.executeAction(ExecuteActionsTaskExecuter.java:553) at org.gradle.api.internal.tasks.execution.ExecuteActionsTaskEx
org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter$TaskExecution.executeWithPreviousOutputFiles(ExecuteActionsTaskExecuter.java:276) at org.gradle.api.internal.tasks
org.gradle.internal.execution.steps.ExecuteStep.execute(ExecuteStep.java:32) at org.gradle.internal.execution.steps.ExecuteStep.execute(ExecuteStep.java:26) at org.gradle.internal.execu
org.gradle.internal.execution.steps.ResolveInputChangesStep.execute(ResolveInputChangesStep.java:49) at org.gradle.internal.execution.steps.ResolveInputChangesStep.execute(Resolve
org.gradle.internal.execution.steps.TimeoutStep.execute(TimeoutStep.java:54) at org.gradle.internal.execution.steps.CatchExceptionStep.execute(CatchExceptionStep.java:34) at org.grad
org.gradle.internal.execution.steps.SnapshotOutputsStep.execute(SnapshotOutputsStep.java:38) at org.gradle.internal.execution.steps.BroadcastChangingOutputsStep.execute(Broadcast
org.gradle.internal.execution.steps.CacheStep.execute(CacheStep.java:41) at org.gradle.internal.execution.steps.StoreExecutionStateStep.execute(StoreExecutionStateStep.java:44) at org
org.gradle.internal.execution.steps.RecordOutputsStep.execute(RecordOutputsStep.java:24) at org.gradle.internal.execution.steps.SkipUpToDateStep.executeBecause(SkipUpToDateStep.j
org.gradle.internal.execution.steps.SkipUpToDateStep.execute(SkipUpToDateStep.java:39) at org.gradle.internal.execution.steps.ResolveChangesStep.execute(ResolveChangesStep.java:7
org.gradle.internal.execution.steps.legacy.MarkSnapshottingInputsFinishedStep.execute(MarkSnapshottingInputsFinishedStep.java:26) at org.gradle.internal.execution.steps.ResolveCach
org.gradle.internal.execution.steps.CaptureStateBeforeExecutionStep.execute(CaptureStateBeforeExecutionStep.java:79) at org.gradle.internal.execution.steps.CaptureStateBeforeExecuti
java.util.Optional.orElseGet(Optional.java:267) at org.gradle.internal.execution.steps.SkipEmptyWorkStep.execute(SkipEmptyWorkStep.java:78) at org.gradle.internal.execution.steps.SkipE
org.gradle.internal.execution.steps.LoadExecutionStateStep.execute(LoadExecutionStateStep.java:40) at org.gradle.internal.execution.steps.LoadExecutionStateStep.execute(LoadExecuti
org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter.execute(ExecuteActionsTaskExecuter.java:184) at org.gradle.api.internal.tasks.execution.CleanupStaleOutputsExecute
org.gradle.api.internal.tasks.execution.ResolveTaskExecutionModeExecuter.execute(ResolveTaskExecutionModeExecuter.java:62) at org.gradle.api.internal.tasks.execution.SkipTaskWithN
org.gradle.api.internal.tasks.execution.CatchExceptionTaskExecuter.execute(CatchExceptionTaskExecuter.java:36) at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter$1.ex
org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:416) at org.gradle.internal.operations.DefaultBuild
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:250) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(Def
org.gradle.internal.operations.DelegatingBuildOperationExecutor.call(DelegatingBuildOperationExecutor.java:36) at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter.execute
org.gradle.execution.taskgraph.DefaultTaskExecutionGraph$InvokeNodeExecutorsAction.execute(DefaultTaskExecutionGraph.java:372) at org.gradle.execution.taskgraph.DefaultTaskExec
```

org.gradle.execution.taskgraph.DefaultTaskExecutionGraph$BuildOperationAwareExecutionAction.execute(DefaultTaskExecutionGraph.java:338) at org.gradle.execution.plan.DefaultPlanE
org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.executeNextNode(DefaultPlanExecutor.java:182) at org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.run(Def
org.gradle.execution.taskgraph.DefaultTaskExecutionGraph.execute(DefaultTaskExecutionGraph.java:166) at org.gradle.execution.SelectedTaskExecutionAction.execute(SelectedTaskExec
org.gradle.execution.DefaultBuildWorkExecutor$1.proceed(DefaultBuildWorkExecutor.java:48) at org.gradle.execution.DryRunBuildExecutionAction.execute(DryRunBuildExecutionAction.ja
org.gradle.execution.IncludedBuildLifecycleBuildWorkExecutor.execute(IncludedBuildLifecycleBuildWorkExecutor.java:36) at org.gradle.execution.DeprecateUndefinedBuildWorkExecutor.e
org.gradle.internal.operations.DefaultBuildOperationExecutor$RunnableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:402) at org.gradle.internal.operations.DefaultBui
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:250) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(Def
at org.gradle.execution.BuildOperationFiringBuildWorkerExecutor.execute(BuildOperationFiringBuildWorkerExecutor.java:42) at org.gradle.initialization.DefaultGradleLauncher.runWork(Defa
org.gradle.initialization.DefaultGradleLauncher.executeTasks(DefaultGradleLauncher.java:110) at org.gradle.internal.invocation.GradleBuildController$1.execute(GradleBuildController.java:
org.gradle.internal.invocation.GradleBuildController$3.create(GradleBuildController.java:78) at org.gradle.internal.work.DefaultWorkerLeaseService.withLocks(DefaultWorkerLeaseService.j
org.gradle.internal.invocation.GradleBuildController.run(GradleBuildController.java:57) at org.gradle.tooling.internal.provider.runner.ClientProvidedBuildActionRunner.run(ClientProvidedBuil
org.gradle.launcher.exec.BuildOutcomeReportingBuildActionRunner.run(BuildOutcomeReportingBuildActionRunner.java:63) at org.gradle.tooling.internal.provider.ValidatingBuildActionRunn
org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner$3.call(RunAsBuildOperationBuildActionRunner.java:51) at org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunn
org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:406) at org.gradle.internal.operations.DefaultBuild
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:158) at org.gradle.internal.operations.DefaultBuildOperationExecutor.call(Default
org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner.run(RunAsBuildOperationBuildActionRunner.java:45) at org.gradle.launcher.exec.InProcessBuildActionExecuter$1.transfor
org.gradle.launcher.exec.InProcessBuildActionExecuter.execute(InProcessBuildActionExecuter.java:47) at org.gradle.launcher.exec.InProcessBuildActionExecuter.execute(InProcessBuildA
org.gradle.tooling.internal.provider.ContinuousBuildActionExecuter.execute(ContinuousBuildActionExecuter.java:78) at org.gradle.tooling.internal.provider.ContinuousBuildActionExecuter.e
org.gradle.tooling.internal.provider.SubscribableBuildActionExecuter.execute(SubscribableBuildActionExecuter.java:38) at org.gradle.tooling.internal.provider.SessionScopeBuildActionExec
org.gradle.tooling.internal.provider.GradleThreadBuildActionExecuter.execute(GradleThreadBuildActionExecuter.java:37) at org.gradle.tooling.internal.provider.GradleThreadBuildActionExe
org.gradle.tooling.internal.provider.ParallelismConfigurationBuildActionExecuter.execute(ParallelismConfigurationBuildActionExecuter.java:29) at org.gradle.tooling.internal.provider.StartP
org.gradle.tooling.internal.provider.SessionFailureReportingActionExecuter.execute(SessionFailureReportingActionExecuter.java:55) at org.gradle.tooling.internal.provider.SessionFailureRe
org.gradle.tooling.internal.provider.SetupLoggingActionExecuter.execute(SetupLoggingActionExecuter.java:32) at org.gradle.launcher.daemon.server.exec.ExecuteBuild.doBuild(ExecuteBu
org.gradle.launcher.daemon.server.exec.WatchForDisconnection.execute(WatchForDisconnection.java:39) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(D
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.RequestStopIfSingleUsedDa
org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClientInput.java:78) at org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClientInp
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.LogAndCheckHealth.execut
org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonC
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.StartBuildOrRespondWithBu
org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64) at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecuto
org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56) at java.lang.Thread.run(Thread.java:748)

FAILURE: Build failed with an exception.

- What went wrong: Execution failed for task ':aTalk:dexBuilderFdroidDebug'.

Multiple task action failures occurred: Key /home/cmeng/.gradle/caches/transforms-2/files-2.1/3080de1ef41c7b73bef654e9b619b8a2/jetified-ice4j-2.0.0-SNAPSHOT.jar is missing in the
com.android.build.gradle.internal.dexing.DexWorkAction > No services are registered. Ensure the worker actions use IsolationMode.NONE.

cm...@gmail.com <cm...@gmail.com> #8

Sorry I mistaken your AGP as Android Studio. So I upgraded the AGP this time to:

classpath 'com.android.tools.build:gradle:4.1.0-beta05' distributionUrl=https://services.gradle.org/distributions/gradle-6.5-all.zip

But now it gives a different error on the very first build process. So now I cannot even proceed further. Please advice what can I do now (or so I just revert to old AGP version)

Task :aTalk:compilePlaystoreDebugSources

Task :aTalk:dexBuilderPlaystoreDebug AGPBI: {"kind":"error","text":"java.lang.NullPointerException","sources":[{"file":"/home/cmeng/.gradle/caches/transforms-2/files-2.1/9a6dbf19910e057

Task :aTalk:dexBuilderPlaystoreDebug FAILED

FAILURE: Build failed with an exception.

- What went wrong: Execution failed for task ':aTalk:dexBuilderPlaystoreDebug'.

Could not resolve all files for configuration ':aTalk:detachedConfiguration6'. Failed to transform jetified-smack-core-jarjar-4.4.0-alpha5.jar to match attributes {artifactType=ext-dex-dexBuil
4.4.0-alpha5.jar. > Error while dexing.

- Try: Run with --stacktrace option to get the stack trace. Run with --info or --debug option to get more log output. Run with --scan to get full insights.
- Get more help at https://help.gradle.org

BUILD FAILED in 2m 16s 28 actionable tasks: 28 executed

hu...@google.com <hu...@google.com> #9

Can you run `./gradlew clean :aTalk:assemblePlaystoreDebug --stacktrace` from the command line (using either AGP 4.1.0-beta05 or 4.2.0-alpha07) and attach a stack trace here?

cm...@gmail.com <cm...@gmail.com> #10

Please follow the below steps to reproduce the problem on you side. The problem can be easily reproduced. I have done a clean, invalidate cache a restart. None help.
How to reproduce:

check out the source from https://github.com/cmeng-git/atalk-androidStartup AS with project atalk-androidStartup an AVDStart debug cycle i.e. Shift+F9make some source change and build
To make AS to work again, perform "aTalk.Tasks.build.clean" from the gradle UI.

cm...@gmail.com <cm...@gmail.com> #11

Here is the Trace for gradle:4.2.0-alpha07 i.e. Trace_4.2_alpha07_6.5.txt

The build window also shows the error below:

Starting Gradle Daemon... Gradle Daemon started in 1 s 103 ms Task :buildSrc:compileJava NO-SOURCE Task :buildSrc:compileGroovy NO-SOURCE Task :buildSrc:processResources NO-SOURCE Task :buildSrc:testClasses UP-TO-DATE Task :buildSrc:test NO-SOURCE Task :buildSrc:check UP-TO-DATE

Task :buildSrc:jarjar-0 Property 'destinationDir' is not annotated with an input or output annotation. This behaviour has been deprecated and is scheduled to be removed in Gradle 7.0. See h java.lang.Iterable.forEach(Iterable.java:75) at org.gradle.internal.execution.steps.ValidateStep.execute(ValidateStep.java:56) at org.gradle.internal.execution.steps.SkipEmptyWorkStep.lam org.gradle.internal.execution.steps.SkipEmptyWorkStep.execute(SkipEmptyWorkStep.java:34) at org.gradle.internal.execution.steps.legacy.MarkSnapshottingInputsStartedStep.execute(M org.gradle.internal.execution.impl.DefaultWorkExecutor.execute(DefaultWorkExecutor.java:33) at org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter.executeIfValid(Execut org.gradle.api.internal.tasks.execution.CleanupStaleOutputsExecuter.execute(CleanupStaleOutputsExecuter.java:114) at org.gradle.api.internal.tasks.execution.FinalizePropertiesTaskExec org.gradle.api.internal.tasks.execution.SkipTaskWithNoActionsExecuter.execute(SkipTaskWithNoActionsExecuter.java:57) at org.gradle.api.internal.tasks.execution.SkipOnlyIfTaskExecute org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter$1.executeTask(EventFiringTaskExecuter.java:77) at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter$1.call(org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:409) at org.gradle.internal.operations.DefaultBuild org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:242) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(Def at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter.execute(EventFiringTaskExecuter.java:52) at org.gradle.execution.plan.LocalTaskNodeExecutor.execute(LocalTaskNodeE org.gradle.execution.taskgraph.DefaultTaskExecutionGraph$InvokeNodeExecutorsAction.execute(DefaultTaskExecutionGraph.java:343) at org.gradle.execution.taskgraph.DefaultTaskExec org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.lambda$run$0(DefaultPlanExecutor.java:127) at org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.execute(De org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64) at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecuto org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56) at java.lang.Thread.run(Thread.java:748) Property 'destinationName' is not ann org.gradle.internal.service.scopes.GlobalScopeServices.lambda$createValidationWarningReporter$1(GlobalScopeServices.java:319) at java.lang.Iterable.forEach(Iterable.java:75) at org.gr org.gradle.internal.execution.steps.SkipEmptyWorkStep.execute(SkipEmptyWorkStep.java:78) at org.gradle.internal.execution.steps.SkipEmptyWorkStep.execute(SkipEmptyWorkStep.java org.gradle.internal.execution.steps.LoadExecutionStateStep.execute(LoadExecutionStateStep.java:28) at org.gradle.internal.execution.impl.DefaultWorkExecutor.execute(DefaultWorkExec org.gradle.api.internal.tasks.execution.CleanupStaleOutputsExecuter.execute(CleanupStaleOutputsExecuter.java:114) at org.gradle.api.internal.tasks.execution.FinalizePropertiesTaskExec org.gradle.api.internal.tasks.execution.SkipTaskWithNoActionsExecuter.execute(SkipTaskWithNoActionsExecuter.java:57) at org.gradle.api.internal.tasks.execution.SkipOnlyIfTaskExecute org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter$1.executeTask(EventFiringTaskExecuter.java:77) at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter$1.call(org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:409) at org.gradle.internal.operations.DefaultBuild org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:242) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(Def at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter.execute(EventFiringTaskExecuter.java:52) at org.gradle.execution.plan.LocalTaskNodeExecutor.execute(LocalTaskNodeE org.gradle.execution.taskgraph.DefaultTaskExecutionGraph$InvokeNodeExecutorsAction.execute(DefaultTaskExecutionGraph.java:343) at org.gradle.execution.taskgraph.DefaultTaskExec org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.lambda$run$0(DefaultPlanExecutor.java:127) at org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.execute(De org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64) at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecuto org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56) at java.lang.Thread.run(Thread.java:748)

Task :buildSrc:jarjar-1 Task :buildSrc:jarjar-2

Task :buildSrc:jarJarDeps Fixed dependencies

Task :buildSrc:build

Configure project :aTalk

Found settings.signing to prepare signingConfig for release signing

NDK was located by using ndk.dir property. This method is deprecated and will be removed in a future release. Please delete ndk.dir from local.properties and set android.ndkVersion to [21.3

Main jni directory for NDK build => /home/cmeng/workspace/android/atalk-android/aTalk\jni

*** <!-- Generate versionupdate.properties file -->

Date: Thu Aug 06 06:49:57 SGT 2020

last_version = 2.3.4

last_version_code = 1134

Task :prepareKotlinBuildScriptModel UP-TO-DATE

FAILURE: Build failed with an exception.

- What went wrong: This version of the Android Support plugin for IntelliJ IDEA (or Android Studio) cannot open this project, please retry with version 4.2 or newer.

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

- Exception is: com.intellij.openapi.externalSystem.model.ExternalSystemException: This version of the Android Support plugin for IntelliJ IDEA (or Android Studio) cannot open this proje org.jetbrains.plugins.gradle.model.ProjectImportAction.execute(ProjectImportAction.java:56) at org.gradle.tooling.internal.consumer.connection.InternalBuildActionAdapter.execute(Int org.gradle.tooling.internal.provider.runner.ClientProvidedPhasedActionRunner$ActionRunningListener.run(ClientProvidedPhasedActionRunner.java:110) at org.gradle.tooling.internal.pro org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:24) at org.gradle.internal.event.DefaultListenerManager$ListenerDetails.dispatch(DefaultListenerMana org.gradle.internal.event.DefaultListenerManager$EventBroadcast$ListenerDispatch.dispatch(DefaultListenerManager.java:368) at org.gradle.internal.event.DefaultListenerManager$Ev org.gradle.internal.event.BroadcastDispatch$SingletonDispatch.dispatch(BroadcastDispatch.java:245) at org.gradle.internal.event.BroadcastDispatch$SingletonDispatch.dispatch(Broa org.gradle.internal.event.BroadcastDispatch$CompositeDispatch.dispatch(BroadcastDispatch.java:249) at org.gradle.internal.event.ListenerBroadcast.dispatch(ListenerBroadcast.java com.sun.proxy.$Proxy17.buildFinished(Unknown Source) at org.gradle.initialization.DefaultGradleLauncher.finishBuild(DefaultGradleLauncher.java:185) at org.gradle.initialization.Defau org.gradle.internal.work.DefaultWorkerLeaseService.withLocks(DefaultWorkerLeaseService.java:180) at org.gradle.internal.work.StopShieldingWorkerLeaseService.withLocks(StopShie org.gradle.tooling.internal.provider.runner.ClientProvidedPhasedActionRunner.run(ClientProvidedPhasedActionRunner.java:60) at org.gradle.launcher.exec.ChainingBuildActionRunner.ru at org.gradle.tooling.internal.provider.ValidatingBuildActionRunner.run(ValidatingBuildActionRunner.java:32) at org.gradle.launcher.exec.BuildCompletionNotifyingBuildActionRunner.run org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner$3.call(RunAsBuildOperationBuildActionRunner.java:45) at org.gradle.internal.operations.DefaultBuildOperationExecuto org.gradle.internal.operations.DefaultBuildOperationExecutor$1.execute(DefaultBuildOperationExecutor.java:157) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execu org.gradle.internal.operations.DefaultBuildOperationExecutor.call(DefaultBuildOperationExecutor.java:94) at org.gradle.internal.operations.DelegatingBuildOperationExecutor.call(Delega

```
org.gradle.launcher.exec.InProcessBuildActionExecuter$1.transform(InProcessBuildActionExecuter.java:50) at org.gradle.launcher.exec.InProcessBuildActionExecuter$1.transform(InP
org.gradle.launcher.exec.InProcessBuildActionExecuter.execute(InProcessBuildActionExecuter.java:31) at org.gradle.launcher.exec.BuildTreeScopeBuildActionExecuter.execute(BuildTr
org.gradle.tooling.internal.provider.ContinuousBuildActionExecuter.execute(ContinuousBuildActionExecuter.java:87) at org.gradle.tooling.internal.provider.ContinuousBuildActionExecut
org.gradle.tooling.internal.provider.SubscribableBuildActionExecuter.execute(SubscribableBuildActionExecuter.java:38) at org.gradle.tooling.internal.provider.SessionScopeBuildActionE
org.gradle.tooling.internal.provider.GradleThreadBuildActionExecuter.execute(GradleThreadBuildActionExecuter.java:37) at org.gradle.tooling.internal.provider.GradleThreadBuildActionI
org.gradle.tooling.internal.provider.StartParamsValidatingActionExecuter.execute(StartParamsValidatingActionExecuter.java:32) at org.gradle.tooling.internal.provider.SessionFailureRe
org.gradle.tooling.internal.provider.SetupLoggingActionExecuter.execute(SetupLoggingActionExecuter.java:48) at org.gradle.tooling.internal.provider.SetupLoggingActionExecuter.execu
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.WatchForDisconnection.
org.gradle.launcher.daemon.server.exec.ResetDeprecationLogger.execute(ResetDeprecationLogger.java:29) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proc
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.cr
org.gradle.launcher.daemon.server.exec.ForwardClientInput.execute(ForwardClientInput.java:75) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(Daemo
org.gradle.launcher.daemon.server.exec.LogToClient.doBuild(LogToClient.java:63) at org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37)
org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(Daem
at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64) at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedEx
project, please retry with version 4.2 or newer. at com.android.build.gradle.internal.ide.StudioVersions.verifyIDEIsNotOld(StudioVersions.kt:55) at com.android.build.gradle.internal.ide.S
com.android.build.gradle.internal.ide.ModelBuilder.buildAll(ModelBuilder.java:147) at org.gradle.tooling.provider.model.internal.DefaultToolingModelBuilderRegistry$ParameterizedBuild
org.gradle.tooling.provider.model.internal.DefaultToolingModelBuilderRegistry$ParameterizedBuildOperationWrappingToolingModelBuilder$1.call(DefaultToolingModelBuilderRegistry.j
org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:399) at org.gradle.internal.operations.DefaultB
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:150) at org.gradle.internal.operations.DefaultBuildOperationExecutor.call(Defa
org.gradle.tooling.provider.model.internal.DefaultToolingModelBuilderRegistry$ParameterizedBuildOperationWrappingToolingModelBuilder.buildAll(DefaultToolingModelBuilderRegistry
org.gradle.tooling.internal.consumer.connection.InternalBuildActionAdapter$2.getModel(InternalBuildActionAdapter.java:76) at org.gradle.tooling.internal.consumer.connection.BuildCo
com.android.tools.idea.gradle.project.sync.idea.svs.AndroidExtraModelProvider.findParameterizedAndroidModel(AndroidExtraModelProvider.kt:139) at com.android.tools.idea.gradle.p
org.jetbrains.plugins.gradle.model.ProjectImportAction.addBuildModels(ProjectImportAction.java:261) at org.jetbrains.plugins.gradle.model.ProjectImportAction.execute(ProjectImport
org.gradle.tooling.internal.provider.runner.ClientProvidedPhasedActionRunner$ActionRunningListener.runAction(ClientProvidedPhasedActionRunner.java:120) at org.gradle.tooling.inter
org.gradle.tooling.internal.provider.runner.ClientProvidedPhasedActionRunner$ActionRunningListener.buildFinished(ClientProvidedPhasedActionRunner.java:104) at sun.reflect.NativeM
java.lang.reflect.Method.invoke(Method.java:498) at org.gradle.internal.dispatch.ReflectionDispatch.dispatch(ReflectionDispatch.java:36) at org.gradle.internal.dispatch.ReflectionDispa
org.gradle.internal.event.DefaultListenerManager$ListenerDetails.dispatch(DefaultListenerManager.java:380) at org.gradle.internal.event.AbstractBroadcastDispatch.dispatch(Abstract
org.gradle.internal.event.DefaultListenerManager$EventBroadcast$ListenerDispatch.dispatch(DefaultListenerManager.java:355) at org.gradle.internal.event.AbstractBroadcastDispatch
org.gradle.internal.event.AbstractBroadcastDispatch.dispatch(AbstractBroadcastDispatch.java:58) at org.gradle.internal.event.BroadcastDispatch$CompositeDispatch.dispatch(Broadc
org.gradle.internal.event.ListenerBroadcast.dispatch(ListenerBroadcast.java:37) at org.gradle.internal.dispatch.ProxyDispatchAdapter$DispatchingInvocationHandler.invoke(ProxyDispa
org.gradle.initialization.DefaultGradleLauncher.finishBuild(DefaultGradleLauncher.java:127) at org.gradle.internal.invocation.GradleBuildController$1.create(GradleBuildController.java:7
org.gradle.internal.work.StopShieldingWorkerLeaseService.withLocks(StopShieldingWorkerLeaseService.java:40) at org.gradle.internal.invocation.GradleBuildController.doBuild(GradleE
org.gradle.launcher.exec.ChainingBuildActionRunner.run(ChainingBuildActionRunner.java:35) at org.gradle.launcher.exec.ChainingBuildActionRunner.run(ChainingBuildActionRunner.jav
org.gradle.launcher.exec.BuildCompletionNotifyingBuildActionRunner.run(BuildCompletionNotifyingBuildActionRunner.java:39) at org.gradle.launcher.exec.RunAsBuildOperationBuildAc
org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:409) at org.gradle.internal.operations.DefaultB
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:242) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(
org.gradle.internal.operations.DelegatingBuildOperationExecutor.call(DelegatingBuildOperationExecutor.java:36) at org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner.run
org.gradle.launcher.exec.InProcessBuildActionExecuter$1.transform(InProcessBuildActionExecuter.java:47) at org.gradle.composite.internal.DefaultRootBuildState.run(DefaultRootBuil
org.gradle.launcher.exec.BuildTreeScopeBuildActionExecuter.execute(BuildTreeScopeBuildActionExecuter.java:42) at org.gradle.launcher.exec.BuildTreeScopeBuildActionExecuter.exec
org.gradle.tooling.internal.provider.ContinuousBuildActionExecuter.execute(ContinuousBuildActionExecuter.java:55) at org.gradle.tooling.internal.provider.SubscribableBuildActionExec
org.gradle.tooling.internal.provider.SessionScopeBuildActionExecuter.execute(SessionScopeBuildActionExecuter.java:68) at org.gradle.tooling.internal.provider.SessionScopeBuildActic
org.gradle.tooling.internal.provider.GradleThreadBuildActionExecuter.execute(GradleThreadBuildActionExecuter.java:26) at org.gradle.tooling.internal.provider.StartParamsValidatingAc
org.gradle.tooling.internal.provider.SessionFailureReportingActionExecuter.execute(SessionFailureReportingActionExecuter.java:56) at org.gradle.tooling.internal.provider.SessionFailur
org.gradle.tooling.internal.provider.SetupLoggingActionExecuter.execute(SetupLoggingActionExecuter.java:32) at org.gradle.launcher.daemon.server.exec.ExecuteBuild.doBuild(Execute
org.gradle.launcher.daemon.server.exec.WatchForDisconnection.execute(WatchForDisconnection.java:39) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.procee
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.RequestStopIfSingleUsec
org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClientInput.java:78) at org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClien
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.LogAndCheckHealth.exe
org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(Daem
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.StartBuildOrRespondWit
org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64) at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExec
org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56) at java.lang.Thread.run(Thread.java:748)
```

- Get more help at https://help.gradle.org

BUILD FAILED in 53s

📎 **Trace_4.2_alpha07_6.5.txt**
263 KB View Download

---

cm...@gmail.com <cm...@gmail.com> #12

Here is the Trace for gradle:4.1.0-beta04 i.e. Trace_4.1_beta05_6.5.txt

The build window also shows the error below:

> This version of the Android Support plugin for IntelliJ IDEA (or Android Studio) cannot open this project, please retry with version 4.2 or newer.

📎 **Trace_4.1_beta05_6.5.txt**
263 KB View Download

---

hu...@google.com <hu...@google.com> #13

I downloaded your project but am not seeing either issue ("Key ... missing in the map" and "com.android.tools.r8.utils.a0: java.lang.NullPointerException"). I'm using both AGP 4.1.0-beta05 an

> This version of the Android Support plugin for IntelliJ IDEA (or Android Studio) cannot open this project, please retry with version 4.2 or newer.

To fix the above error, download and use Android Studio 4.2.0 canary 7+.

Can you please try the following?

- Check out a fresh copy of your repo at a new location and retry (build from command line + from the IDE)
- If it still fails, delete `<user-home>/.gradle` and retry.

I believe you need to do few rounds of builds with gradle.build file changes or source files changes in order to see the problem (the occurrence is random). The first build after AS launched is

Most of the times, I only perform debug build i.e. Shift-F9, where I see the problem. I carried out the tests again this morning, recorded in the sequence of the tests being performed.

1. After 4 times of debug builds without any problem, I just changed the ./aTalk/build.gradle file, then the problem immediately appear. All I have changed is the version number i.e. from '8

2. After the problem, I then performed a full build (without gradle clean); the build completed without problem.

3. Perform a debug build, again without problem.

4. Revert the version change in #1 to '8.10.5'; perform a gradle sync then the debug build (no problem)

5. Repeated #4 with version change to '8.10.4', the problem appears again. i.e.

Execution failed for task ':aTalk:dexBuilderPlaystoreDebug'.

> Multiple task action failures occurred: Key /home/cmeng/.gradle/caches/transforms-2/files-2.1/967dc89bdee55a368f17d95f611b98c4/jetified-smack-core-jarjar-4.4.0-alpha5.jar is missin
> com.android.build.gradle.internal.dexing.DexWorkAction > No services are registered. Ensure the worker actions use IsolationMode.NONE.

6. Repeated test #5, problem occurred.

7. Repeated #4 with version change to '8.10.5', no problem.

8. Repeated #4 with version change to '8.10.4', no problem.

9, Perform tests after the change, and after change reverted for each of 9a then 9b (only the version number); All the 4 builds completed without problem. a. implementation 'org.apache.http

10. Make some source file change to aTalkApp.java, debug build without problem

11. Back to gradle.build: uncommented below two lines then build; commented then build. All build without problem

   - options.compilerArgs << '-Xlint:unchecked'
   - options.deprecation = true

You can see that the problems occurred randomly without a defined steps. Seems unable to repeat the problem after above trials. But believe it will appear again.

In the past, I always performed a full gradle clean (i.e. Gradle|aTalk|Tasks|build|clean) to resolve the build problem. I found that actually I only have to purge the following directory, to have the

Will revert to you once the problem happen again.

After some source files editing, the problem happen again (no change to gradle.build) @

Date: Fri Aug 07 10:15:27 SGT 2020

==============

Task :aTalk:dexBuilderPlaystoreDebug FAILED java.util.NoSuchElementException: Key /home/cmeng/.gradle/caches/transforms-2/files-2.1/71f7a0cf097e80871b1c6bd7772a8e81/jetified
com.android.build.gradle.internal.tasks.DexArchiveBuilderTaskDelegate.getDexOutputForJar(DexArchiveBuilderTaskDelegate.kt:831) at com.android.build.gradle.internal.tasks.DexArchive
com.android.build.gradle.internal.tasks.DexArchiveBuilderTaskDelegate.access$processClassFromInput(DexArchiveBuilderTaskDelegate.kt:69) at com.android.build.gradle.internal.tasks.D
com.android.build.gradle.internal.tasks.DexArchiveBuilderTaskDelegate$doProcess$$inlineduselambda$1.invoke(DexArchiveBuilderTaskDelegate.kt:69) at com.android.build.gradle.inte
com.android.build.gradle.internal.tasks.NewIncrementalTask$taskAction$$inlined$recordTaskAction$1.invoke(AndroidVariantTask.kt:73) at com.android.build.gradle.internal.tasks.NewInc
com.android.build.gradle.internal.tasks.NewIncrementalTask.taskAction(NewIncrementalTask.kt:34) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.Nativ
org.gradle.internal.reflect.JavaMethod.invoke(JavaMethod.java:104) at org.gradle.api.internal.project.taskfactory.IncrementalInputsTaskAction.doExecute(IncrementalInputsTaskAction.ja
org.gradle.api.internal.project.taskfactory.StandardTaskAction.execute(StandardTaskAction.java:28) at org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter$3.run(Execute
org.gradle.internal.operations.DefaultBuildOperationExecutor$RunnableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:394) at org.gradle.internal.operations.DefaultBui
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:158) at org.gradle.internal.operations.DefaultBuildOperationExecutor.run(DefaultB
org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter.executeAction(ExecuteActionsTaskExecuter.java:553) at org.gradle.api.internal.tasks.execution.ExecuteActionsTaskEx
org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter$TaskExecution.executeWithPreviousOutputFiles(ExecuteActionsTaskExecuter.java:276) at org.gradle.api.internal.tasks
org.gradle.internal.execution.steps.ExecuteStep.execute(ExecuteStep.java:32) at org.gradle.internal.execution.steps.ExecuteStep.execute(ExecuteStep.java:26) at org.gradle.internal.execu
org.gradle.internal.execution.steps.ResolveInputChangesStep.execute(ResolveInputChangesStep.java:49) at org.gradle.internal.execution.steps.ResolveInputChangesStep.execute(Resolve
org.gradle.internal.execution.steps.TimeoutStep.execute(TimeoutStep.java:54) at org.gradle.internal.execution.steps.CatchExceptionStep.execute(CatchExceptionStep.java:34) at org.grad
org.gradle.internal.execution.steps.SnapshotOutputsStep.execute(SnapshotOutputsStep.java:38) at org.gradle.internal.execution.steps.BroadcastChangingOutputsStep.execute(Broadcast
org.gradle.internal.execution.steps.CacheStep.execute(CacheStep.java:41) at org.gradle.internal.execution.steps.StoreExecutionStateStep.execute(StoreExecutionStateStep.java:44) at org
org.gradle.internal.execution.steps.RecordOutputsStep.execute(RecordOutputsStep.java:24) at org.gradle.internal.execution.steps.SkipUpToDateStep.executeBecause(SkipUpToDateStep.j
org.gradle.internal.execution.steps.SkipUpToDateStep.execute(SkipUpToDateStep.java:39) at org.gradle.internal.execution.steps.ResolveChangesStep.execute(ResolveChangesStep.java:7
org.gradle.internal.execution.steps.legacy.MarkSnapshottingInputsFinishedStep.execute(MarkSnapshottingInputsFinishedStep.java:26) at org.gradle.internal.execution.steps.ResolveCach
org.gradle.internal.execution.steps.CaptureStateBeforeExecutionStep.execute(CaptureStateBeforeExecutionStep.java:79) at org.gradle.internal.execution.steps.CaptureStateBeforeExecuti
java.util.Optional.orElseGet(Optional.java:267) at org.gradle.internal.execution.steps.SkipEmptyWorkStep.execute(SkipEmptyWorkStep.java:78) at org.gradle.internal.execution.steps.SkipE
org.gradle.internal.execution.steps.LoadExecutionStateStep.execute(LoadExecutionStateStep.java:40) at org.gradle.internal.execution.steps.LoadExecutionStateStep.execute(LoadExecuti
org.gradle.api.internal.tasks.execution.ExecuteActionsTaskExecuter.execute(ExecuteActionsTaskExecuter.java:184) at org.gradle.api.internal.tasks.execution.CleanupStaleOutputsExecute
org.gradle.api.internal.tasks.execution.ResolveTaskExecutionModeExecuter.execute(ResolveTaskExecutionModeExecuter.java:62) at org.gradle.api.internal.tasks.execution.SkipTaskWithN
org.gradle.api.internal.tasks.execution.CatchExceptionTaskExecuter.execute(CatchExceptionTaskExecuter.java:36) at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter$1.ex
org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:416) at org.gradle.internal.operations.DefaultBuild
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:250) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(Def
org.gradle.internal.operations.DelegatingBuildOperationExecutor.call(DelegatingBuildOperationExecutor.java:36) at org.gradle.api.internal.tasks.execution.EventFiringTaskExecuter.execute
org.gradle.execution.taskgraph.DefaultTaskExecutionGraph$InvokeNodeExecutorsAction.execute(DefaultTaskExecutionGraph.java:372) at org.gradle.execution.taskgraph.DefaultTaskExec
org.gradle.execution.taskgraph.DefaultTaskExecutionGraph$BuildOperationAwareExecutionAction.execute(DefaultTaskExecutionGraph.java:338) at org.gradle.execution.plan.DefaultPlanE
org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.executeNextNode(DefaultPlanExecutor.java:182) at org.gradle.execution.plan.DefaultPlanExecutor$ExecutorWorker.run(Def
org.gradle.execution.taskgraph.DefaultTaskExecutionGraph.execute(DefaultTaskExecutionGraph.java:166) at org.gradle.execution.SelectedTaskExecutionAction.execute(SelectedTaskExec
org.gradle.execution.DefaultBuildWorkExecutor$1.proceed(DefaultBuildWorkExecutor.java:48) at org.gradle.execution.DryRunBuildExecutionAction.execute(DryRunBuildExecutionAction.ja
org.gradle.execution.IncludedBuildLifecycleBuildWorkExecutor.execute(IncludedBuildLifecycleBuildWorkExecutor.java:36) at org.gradle.execution.DeprecateUndefinedBuildWorkExecutor.e
org.gradle.internal.operations.DefaultBuildOperationExecutor$RunnableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:402) at org.gradle.internal.operations.DefaultBui
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:250) at org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(Def
at org.gradle.execution.BuildOperationFiringBuildWorkerExecutor.execute(BuildOperationFiringBuildWorkerExecutor.java:42) at org.gradle.initialization.DefaultGradleLauncher.runWork(Defa
org.gradle.initialization.DefaultGradleLauncher.executeTasks(DefaultGradleLauncher.java:110) at org.gradle.internal.invocation.GradleBuildController$1.execute(GradleBuildController.java:

org.gradle.internal.invocation.GradleBuildController$3.create(GradleBuildController.java:78) at org.gradle.internal.work.DefaultWorkerLeaseService.withLocks(DefaultWorkerLeaseService.j
org.gradle.internal.invocation.GradleBuildController.run(GradleBuildController.java:57) at org.gradle.tooling.internal.provider.runner.ClientProvidedBuildActionRunner.run(ClientProvidedBuil
org.gradle.launcher.exec.BuildOutcomeReportingBuildActionRunner.run(BuildOutcomeReportingBuildActionRunner.java:63) at org.gradle.tooling.internal.provider.ValidatingBuildActionRunn
org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner$3.call(RunAsBuildOperationBuildActionRunner.java:51) at org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunn
org.gradle.internal.operations.DefaultBuildOperationExecutor$CallableBuildOperationWorker.execute(DefaultBuildOperationExecutor.java:406) at org.gradle.internal.operations.DefaultBuild
org.gradle.internal.operations.DefaultBuildOperationExecutor.execute(DefaultBuildOperationExecutor.java:158) at org.gradle.internal.operations.DefaultBuildOperationExecutor.call(Default
org.gradle.launcher.exec.RunAsBuildOperationBuildActionRunner.run(RunAsBuildOperationBuildActionRunner.java:45) at org.gradle.launcher.exec.InProcessBuildActionExecuter$1.transfor
org.gradle.launcher.exec.InProcessBuildActionExecuter.execute(InProcessBuildActionExecuter.java:47) at org.gradle.launcher.exec.InProcessBuildActionExecuter.execute(InProcessBuildA
org.gradle.tooling.internal.provider.ContinuousBuildActionExecuter.execute(ContinuousBuildActionExecuter.java:78) at org.gradle.tooling.internal.provider.ContinuousBuildActionExecuter.e
org.gradle.tooling.internal.provider.SubscribableBuildActionExecuter.execute(SubscribableBuildActionExecuter.java:38) at org.gradle.tooling.internal.provider.SessionScopeBuildActionExec
org.gradle.tooling.internal.provider.GradleThreadBuildActionExecuter.execute(GradleThreadBuildActionExecuter.java:37) at org.gradle.tooling.internal.provider.GradleThreadBuildActionExe
org.gradle.tooling.internal.provider.ParallelismConfigurationBuildActionExecuter.execute(ParallelismConfigurationBuildActionExecuter.java:29) at org.gradle.tooling.internal.provider.StartP
org.gradle.tooling.internal.provider.SessionFailureReportingActionExecuter.execute(SessionFailureReportingActionExecuter.java:55) at org.gradle.tooling.internal.provider.SessionFailureR
org.gradle.tooling.internal.provider.SetupLoggingActionExecuter.execute(SetupLoggingActionExecuter.java:32) at org.gradle.launcher.daemon.server.exec.ExecuteBuild.doBuild(ExecuteBu
org.gradle.launcher.daemon.server.exec.WatchForDisconnection.execute(WatchForDisconnection.java:39) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(D
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.RequestStopIfSingleUsedDa
org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClientInput.java:78) at org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClientInp
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.LogAndCheckHealth.execut
org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37) at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonC
org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104) at org.gradle.launcher.daemon.server.exec.StartBuildOrRespondWithBu
org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64) at org.gradle.internal.concurrent.ManagedExecutorImpl$1.run(ManagedExecuto
org.gradle.internal.concurrent.ThreadFactoryImpl$ManagedThreadRunnable.run(ThreadFactoryImpl.java:56) at java.lang.Thread.run(Thread.java:748)

FAILURE: Build failed with an exception.

- What went wrong: Execution failed for task ':aTalk:dexBuilderPlaystoreDebug'.

Multiple task action failures occurred: Key /home/cmeng/.gradle/caches/transforms-2/files-2.1/71f7a0cf097e80871b1c6bd7772a8e81/jetified-ice4j-2.0.0-SNAPSHOT.jar is missing in the
com.android.build.gradle.internal.dexing.DexWorkAction > No services are registered. Ensure the worker actions use IsolationMode.NONE.

- Try: Run with --stacktrace option to get the stack trace. Run with --info or --debug option to get more log output. Run with --scan to get full insights.

- Get more help at https://help.gradle.org

BUILD FAILED in 34s 23 actionable tasks: 7 executed, 16 up-to-date

---

cm...@gmail.com <cm...@gmail.com> #16

Forget to mention that all my previous two tests/comments are based on a. Run Android Studio 4.1-Beta5 on Ubuntu 18.04.4 LTS b. classpath 'com.android.tools.build:gradle:4.0.1' c. distribu
As I am still facing the following when using gradle:4.1.0-beta05 & 6.5 library

Task :aTalk:dexBuilderPlaystoreDebug AGPBI: {"kind":"error","text":"java.lang.NullPointerException","sources":[{"file":"/home/cmeng/.gradle/caches/transforms-2/files-2.1/24b44ae1d8a1c0e

Task :aTalk:dexBuilderPlaystoreDebug FAILED

Execution failed for task ':aTalk:dexBuilderPlaystoreDebug'.

Could not resolve all files for configuration ':aTalk:detachedConfiguration6'. Failed to transform jetified-smack-core-jarjar-4.4.0-alpha5.jar to match attributes {artifactType=ext-dex-dexBuild
4.4.0-alpha5.jar. > Error while dexing. Compilation failed to complete, position: Lorg/jivesoftware/smack/util/Function;identity()Lorg/jivesoftware/smack/util/Function;, origin: /home/cmen

============================ Follow your instruction, I now update both of them to a. classpath 'com.android.tools.build:gradle:4.1.0-beta05' b. distributionUrl=https://services.gradle.c

1. Purge <user-home>/.gradle and retry. The above problem i.e. java.lang.NullPointerException still happen

2. Perform a gradle clean and retry The same problem i.e. java.lang.NullPointerException still happen

3. Perform below steps and retry: a. Purge <user-home>/.gradle b. Perform a gradle clean c. Invalidate caches and restart The same problem i.e. java.lang.NullPointerException still happe

4. Perform below steps and retry: a. Fetch new repository: git clone https://github.com/cmeng-git/atalk-android.git atalk-android b. Purge <user-home>/.gradle c. Perform a gradle clean d

Task :aTalk:dexBuilderFdroidDebug AGPBI: {"kind":"error","text":"java.lang.NullPointerException","sources":[{"file":"/home/cmeng/.gradle/caches/transforms-2/files-2.1/dbfd2ef9085739ed61

Task :aTalk:dexBuilderFdroidDebug FAILED

Execution failed for task ':aTalk:dexBuilderFdroidDebug'.

Could not resolve all files for configuration ':aTalk:detachedConfiguration6'. Failed to transform jetified-smack-core-jarjar-4.4.0-alpha5.jar to match attributes {artifactType=ext-dex-dexBuild
4.4.0-alpha5.jar. > Error while dexing. Compilation failed to complete, position: Lorg/jivesoftware/smack/util/Function;identity()Lorg/jivesoftware/smack/util/Function;, origin: /home/cmen

5. Restart Ubuntu Computer and retry: a. Perform a gradle clean before build The same problem i.e. java.lang.NullPointerException still happen

Seems like my AS cannot use below gradle version for aTalk project for unknown reason. Can it possiblly be that some old AS configuration data are being imported. a. classpath 'com.andro

I will revert the gradle to 4.0.1 to continue developing aTalk project.

---

cm...@gmail.com <cm...@gmail.com> #17

Perform last test before revert the gradle version to 4.0.1
I reinstall my android-studio (/opt/android/android-studio)
a. purged and update with new AS 4.1-Beta5
b. Perform a gradle clean
c. Invalidate caches
d. preform gradle sync
e. debug build target at Note-10 via USB

Same problem as before i.e.:

> Task :aTalk:dexBuilderFdroidDebug
AGPBI: {"kind":"error","text":"java.lang.NullPointerException","sources":[{"file":"/home/cmeng/.gradle/caches/transforms-2/files-2.1/d486bd3eea9279be8fb8935015afbed5/jetified-smack-core

> Task :aTalk:dexBuilderFdroidDebug FAILED

Execution failed for task ':aTalk:dexBuilderFdroidDebug'.
> Could not resolve all files for configuration ':aTalk:detachedConfiguration6'.
  > Failed to transform jetified-smack-core-jarjar-4.4.0-alpha5.jar to match attributes {artifactType=ext-dex-dexBuilderFdroidDebug, org.gradle.libraryelements=jar, org.gradle.usage=java-runti
    > Execution failed for DexingExternalLibArtifactTransform: /home/cmeng/.gradle/caches/transforms-2/files-2.1/d486bd3eea9279be8fb8935015afbed5/jetified-smack-core-jarjar-4.4.0-a
      > Error while dexing.

Compilation failed to complete, position: Lorg/jivesoftware/smack/util/Function;identity()Lorg/jivesoftware/smack/util/Function;, origin: /home/cmeng/.gradle/caches/transforms-2/files-2.

hu...@google.com <hu...@google.com> #18

Thanks for the detailed info!

To clarify, we are dealing with 2 issues in this report:

1. "Key ... missing in the map": As mentioned at comment #6, this issue is fixed in AGP 4.1.0-alpha11+.
2. "com.android.tools.r8.utils: java.lang.NullPointerException": This is a different issue, which happens on AGP 4.1.0-beta05 and AGP 4.2.0-alpha07 for your project.

Let's focus our discussion on the 2nd issue. Below is its stack trace (from comment #12):

```
* What went wrong:
Execution failed for task ':aTalk:dexBuilderPlaystoreDebug'.
> Could not resolve all files for configuration ':aTalk:detachedConfiguration6'.
  > Failed to transform jetified-smack-core-jarjar-4.4.0-alpha5.jar to match attributes {artifactType=ext-dex-dexBuilderPlaystoreDebug, org.gradle.librar
    > Execution failed for DexingExternalLibArtifactTransform: /home/cmeng/.gradle/caches/transforms-2/files-2.1/270026fe81d7155e4868799ca06da679/jetifi
      > Error while dexing.

* Exception is:
org.gradle.api.tasks.TaskExecutionException: Execution failed for task ':aTalk:dexBuilderPlaystoreDebug'.
        at org.gradle.api.internal.tasks.execution.CatchExceptionTaskExecuter.execute(CatchExceptionTaskExecuter.java:38)
        ...
Caused by: org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfiguration$ArtifactResolveException: Could not resolve all files for configuratic
        at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration.rethrowFailure(DefaultConfiguration.java:1268)
        ...
Caused by: org.gradle.api.internal.artifacts.transform.TransformException: Failed to transform jetified-smack-core-jarjar-4.4.0-alpha5.jar to match attrib
        at org.gradle.api.internal.artifacts.transform.TransformingArtifactVisitor.lambda$visitArtifact$1(TransformingArtifactVisitor.java:54)
        ...
Caused by: org.gradle.api.internal.artifacts.transform.TransformException: Execution failed for DexingExternalLibArtifactTransform: /home/cmeng/.gradle/ca
        at org.gradle.api.internal.artifacts.transform.DefaultTransformerInvocationFactory$2.lambda$call$1$1(DefaultTransformerInvocationFactory.java:214)
        ...
Caused by: com.android.builder.dexing.DexArchiveBuilderException: Error while dexing.
        at com.android.builder.dexing.D8DexArchiveBuilder.getExceptionToRethrow(D8DexArchiveBuilder.java:141)
        at com.android.builder.dexing.D8DexArchiveBuilder.convert(D8DexArchiveBuilder.java:118)
        ...
Caused by: com.android.tools.r8.CompilationFailedException: Compilation failed to complete, position: Lorg/jivesoftware/smack/util/Function;identity()Lorg
        at Version.fakeStackEntry(Version_2.1.52.java:0)
        at com.android.tools.r8.utils.Y.a(SourceFile:78)
        at com.android.tools.r8.D8.run(D8.java:11)
        at com.android.builder.dexing.D8DexArchiveBuilder.convert(D8DexArchiveBuilder.java:116)
        ... 102 more
Caused by: java.lang.NullPointerException
        at com.android.tools.r8.s.c.E.a(SourceFile:55)
        at com.android.tools.r8.s.c.E.<init>(SourceFile:28)
        at com.android.tools.r8.s.c.M.a(SourceFile:226)
        at com.android.tools.r8.s.c.M.a(SourceFile:37)
        at com.android.tools.r8.ir.conversion.O.a(SourceFile:831)
        at com.android.tools.r8.ir.conversion.O.a(SourceFile:781)
        at com.android.tools.r8.utils.Y.a(SourceFile:113)
        at com.android.tools.r8.ir.conversion.O.c(SourceFile:53)
        at com.android.tools.r8.ir.conversion.O.a(SourceFile:441)
        at com.android.tools.r8.ir.conversion.O.a(SourceFile:388)
        at com.android.tools.r8.graph.f0.b(SourceFile:2)
        at com.android.tools.r8.graph.V0.b(SourceFile:4)
        at com.android.tools.r8.graph.W0.a(SourceFile:3)
        at com.android.tools.r8.graph.U0.d(SourceFile:3)
        at com.android.tools.r8.graph.W0.a(SourceFile:1)
        at com.android.tools.r8.graph.V0.b(SourceFile:2)
        at com.android.tools.r8.graph.f0.b(SourceFile:1)
        at com.android.tools.r8.ir.conversion.O.b(SourceFile:35)
        at com.android.tools.r8.utils.a1.a(SourceFile:36)
        at com.android.tools.r8.utils.a1.a(SourceFile:41)
        at com.android.tools.r8.utils.a1.a(SourceFile:35)
        at com.google.common.util.concurrent.TrustedListenableFutureTask$TrustedFutureInterruptibleTask.runInterruptibly(TrustedListenableFutureTask.java:
        at com.google.common.util.concurrent.InterruptibleTask.run(InterruptibleTask.java:69)
        at com.google.common.util.concurrent.TrustedListenableFutureTask.run(TrustedListenableFutureTask.java:78)
        at com.google.common.util.concurrent.MoreExecutors$DirectExecutorService.execute(MoreExecutors.java:322)
```

```
        at com.google.common.util.concurrent.AbstractListeningExecutorService.submit(AbstractListeningExecutorService.java:66)
        at com.google.common.util.concurrent.AbstractListeningExecutorService.submit(AbstractListeningExecutorService.java:36)
     at com.android.tools.r8.utils.a1.a(SourceFile:34)
     at com.android.tools.r8.utils.a1.a(SourceFile:6)
     at com.android.tools.r8.utils.a1.a(SourceFile:40)
     at com.android.tools.r8.utils.a1.a(SourceFile:38)
     at com.android.tools.r8.utils.a1.a(SourceFile:37)
     at com.android.tools.r8.ir.conversion.O.a(SourceFile:339)
     at com.android.tools.r8.D8.d(D8.java:36)
     at com.android.tools.r8.D8.b(D8.java:1)
     at com.android.tools.r8.utils.Y.a(SourceFile:36)
     ... 104 more
     Suppressed: java.lang.RuntimeException: java.util.concurrent.ExecutionException: com.android.tools.r8.utils.Z: java.lang.NullPointerException
             at com.android.tools.r8.D8.d(D8.java:143)
             at com.android.tools.r8.D8.b(D8.java:1)
             at com.android.tools.r8.utils.Y.a(SourceFile:36)
             at com.android.tools.r8.D8.run(D8.java:11)
             at com.android.builder.dexing.D8DexArchiveBuilder.convert(D8DexArchiveBuilder.java:116)
             at com.android.build.gradle.internal.dependency.BaseDexingTransform.process(DexingTransform.kt:297)
             at com.android.build.gradle.internal.dependency.BaseDexingTransform.processNonIncrementally(DexingTransform.kt:244)
             at com.android.build.gradle.internal.dependency.BaseDexingTransform.doTransform(DexingTransform.kt:154)
             ...
     Caused by: java.util.concurrent.ExecutionException: com.android.tools.r8.utils.Z: java.lang.NullPointerException
             at com.google.common.util.concurrent.AbstractFuture.getDoneValue(AbstractFuture.java:552)
             at com.google.common.util.concurrent.AbstractFuture.get(AbstractFuture.java:513)
             at com.google.common.util.concurrent.FluentFuture$TrustedFuture.get(FluentFuture.java:86)
             at com.android.tools.r8.utils.a1.a(SourceFile:11)
             at com.android.tools.r8.utils.a1.a(SourceFile:40)
             at com.android.tools.r8.utils.a1.a(SourceFile:38)
             at com.android.tools.r8.utils.a1.a(SourceFile:37)
             at com.android.tools.r8.ir.conversion.O.a(SourceFile:339)
             at com.android.tools.r8.D8.d(D8.java:36)
             ... 112 more
     Caused by: com.android.tools.r8.utils.Z: java.lang.NullPointerException
             at com.android.tools.r8.utils.Z.a(SourceFile:6)
             at com.android.tools.r8.utils.Y.a(SourceFile:115)
             at com.android.tools.r8.ir.conversion.O.c(SourceFile:53)
             at com.android.tools.r8.ir.conversion.O.a(SourceFile:441)
             at com.android.tools.r8.ir.conversion.O.a(SourceFile:388)
             at com.android.tools.r8.graph.f0.b(SourceFile:2)
             at com.android.tools.r8.graph.V0.b(SourceFile:4)
             at com.android.tools.r8.graph.W0.a(SourceFile:3)
             at com.android.tools.r8.graph.U0.d(SourceFile:3)
             at com.android.tools.r8.graph.W0.a(SourceFile:1)
             at com.android.tools.r8.graph.V0.b(SourceFile:2)
             at com.android.tools.r8.graph.f0.b(SourceFile:1)
             at com.android.tools.r8.ir.conversion.O.b(SourceFile:35)
             at com.android.tools.r8.utils.a1.a(SourceFile:36)
             at com.android.tools.r8.utils.a1.a(SourceFile:41)
             at com.android.tools.r8.utils.a1.a(SourceFile:35)
             at com.google.common.util.concurrent.TrustedListenableFutureTask$TrustedFutureInterruptibleTask.runInterruptibly(TrustedListenableFutureTa
             at com.google.common.util.concurrent.InterruptibleTask.run(InterruptibleTask.java:69)
             at com.google.common.util.concurrent.TrustedListenableFutureTask.run(TrustedListenableFutureTask.java:78)
             at com.google.common.util.concurrent.MoreExecutors$DirectExecutorService.execute(MoreExecutors.java:322)
             at java.util.concurrent.AbstractExecutorService.submit(AbstractExecutorService.java:134)
             at com.google.common.util.concurrent.AbstractListeningExecutorService.submit(AbstractListeningExecutorService.java:66)
             at com.google.common.util.concurrent.AbstractListeningExecutorService.submit(AbstractListeningExecutorService.java:36)
             at com.android.tools.r8.utils.a1.a(SourceFile:34)
             at java.util.ArrayList.forEach(ArrayList.java:1257)
             at com.android.tools.r8.utils.a1.a(SourceFile:6)
             ... 117 more
     [CIRCULAR REFERENCE:java.lang.NullPointerException]
```

hu...@google.com <hu...@google.com> #19

Here are similar issues: https://issuetracker.google.com/issues?q=%22com.android.tools.r8.utils%22%20%22java.lang.NullPointerException%22%20%22CIRCULAR%20REFERENCE%22&s=m

This looks like a bug in R8, so can you please file a bug for the NullPointerException to the R8 team here: https://issuetracker.google.com/issues/new?component=326788&template=102593

hu...@google.com <hu...@google.com> #20

@Ian: We are dealing with a NPE thrown from R8. This thread is a bit long, but please see comment #18 for a summary. The user can reproduce this issue by checking out https://github.com

cm...@gmail.com <cm...@gmail.com> #21

Based on the error during build:

Compilation failed to complete, position: Lorg/jivesoftware/smack/util/Function;identity()Lorg/jivesoftware/smack/util/Function;, origin: /home/cmeng/.gradle/caches/transforms-2/files-

I performed the followings:

a. Copy the Function.java from smack repository to aTalk local directory (same smack Function.java path directory).

b. Changes to the buildSrc/build.gradle file i.e. to remove the offended 'Function.java' class. The build.gradle will then re-generate the new smack-core-jarjar-4.4.0-alpha5.jar but without the 'F

```
jarjar.repackage {
    from("org.igniterealtime.smack:smack-core:$smackVersion") {
        transitive = false
    }
    destinationDir new File("${projectDir}/../aTalk/third_party/m2/org/igniterealtime/smack/smack-core-jarjar/${smackVersion}")
    destinationName "smack-core-jarjar-${smackVersion}.jar"

    // smack-core
    classDelete 'org.jivesoftware.smack.provider.AbstractProvider'
    classDelete 'org.jivesoftware.smack.util.Function'
},
```

I found that the above steps fixed the NPE thrown from R8.

Also after resolving the R8 NPE problem, aTalk can now be built without the missing key issue (at least for the last 3 hours). Will revert to you if the missing key problem returns.

The build is using 'gradle:4.1.0-beta05'

cm...@gmail.com <cm...@gmail.com> #22

I have confirmed that 'gradle:4.1.0-beta05' release has resolved the missing key issue.

ze...@google.com <ze...@google.com> #23

Filed D8 issue b/163264839 for the stack in comment 18.

To the reporter: in comment 22, do you mean that the issue is no longer reproducible with the original source, or do you need to do work around the issue by changing the source as described

hu...@google.com <hu...@google.com> #24

(Btw, I can reproduce this issue now, just realized that there are 2 `build.gradle` files declaring AGP version, the second declaration in app is not necessary.)