Unable to update AGP from 8.0.2 to 8.1.0 - configuration error

Infeasible Bug P3 + Add Hotlist

STATUS UPDATE No update yet. Edit

DESCRIPTION zh...@block.xyz created issue #1

I have `:android:app` Android app Gradle module which depends on Android library module `:core`. Upgrading my project to use AGP 8.1.0 fails to configure with an error below.

Environment: Gradle 8.2.1 Kotlin 1.8.20 JDK 17

Relevant slack discussion: https://androidstudygroup.slack.com/archives/C03KKLGC2/p1691528298840979

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FAILURE: Build failed with an exception.

* What went wrong:
Could not determine the dependencies of task ':android:app:mergeDebugJavaResource'.
> Could not resolve all task dependencies for configuration ':android:app:debugRuntimeClasspath'.
   > The consumer was configured to find a component for use during runtime, preferably optimized for Android, as well as attribute 'artifactType' with value
      - Configuration ':core:debugRuntimeElements' declares a component for use during runtime, preferably optimized for Android, as well as attribute 'arti
         - Unmatched attributes:
            - Provides attribute 'com.android.build.gradle.internal.attributes.VariantAttr' with value 'debug' but the consumer didn't ask for it
            - Provides a library but the consumer didn't ask for it
      - Configuration ':core:debugRuntimeElements' variant android-java-res declares a component for use during runtime, preferably optimized for Android, a
         - Unmatched attributes:
            - Provides attribute 'com.android.build.gradle.internal.attributes.VariantAttr' with value 'debug' but the consumer didn't ask for it
            - Provides a library but the consumer didn't ask for it
    The following variants were also considered but didn't match the requested attributes:
      - Configuration ':core:debugRuntimeElements' variant android-aar-metadata declares a component for use during runtime, preferably optimized for Androi
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-aar-metadata' and the consumer
      - Configuration ':core:debugRuntimeElements' variant android-art-profile declares a component for use during runtime, preferably optimized for Android
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-art-profile' and the consumer
      - Configuration ':core:debugRuntimeElements' variant android-assets declares a component for use during runtime, preferably optimized for Android, as
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-assets' and the consumer neede
      - Configuration ':core:debugRuntimeElements' variant android-classes-directory-Aorg.gradle.libraryelements=classes declares a component for use during
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-classes-directory' and the con
      - Configuration ':core:debugRuntimeElements' variant android-classes-jar declares a component for use during runtime, preferably optimized for Android
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-classes-jar' and the consumer
      - Configuration ':core:debugRuntimeElements' variant android-compiled-dependencies-resources declares a component for use during runtime, preferably o
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-compiled-dependencies-resource
      - Configuration ':core:debugRuntimeElements' variant android-consumer-proguard-rules declares a component for use during runtime, preferably optimized
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-consumer-proguard-rules' and t
      - Configuration ':core:debugRuntimeElements' variant android-jni declares a component for use during runtime, preferably optimized for Android, as wel
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-jni' and the consumer needed a
      - Configuration ':core:debugRuntimeElements' variant android-lint declares a component for use during runtime, preferably optimized for Android, as we
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint' and the consumer needed
      - Configuration ':core:debugRuntimeElements' variant android-lint-local-aar declares a component for use during runtime, preferably optimized for Andr
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-local-aar' and the consum
      - Configuration ':core:debugRuntimeElements' variant android-lint-model-metadata declares a component for use during runtime, preferably optimized for
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-model-metadata' and the c
      - Configuration ':core:debugRuntimeElements' variant android-lint-variant-dependencies-model declares a component for use during runtime, preferably o
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-variant-dependencies-mode
      - Configuration ':core:debugRuntimeElements' variant android-lint-variant-dependencies-partial-results declares a component for use during runtime, pr
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-variant-dependencies-part
      - Configuration ':core:debugRuntimeElements' variant android-manifest declares a component for use during runtime, preferably optimized for Android, a
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-manifest' and the consumer nee
      - Configuration ':core:debugRuntimeElements' variant android-navigation-json declares a component for use during runtime, preferably optimized for And
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-navigation-json' and the consu
      - Configuration ':core:debugRuntimeElements' variant android-public-res declares a component for use during runtime, preferably optimized for Android,
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-public-res' and the consumer n
      - Configuration ':core:debugRuntimeElements' variant android-res declares a component for use during runtime, preferably optimized for Android, as wel
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-res' and the consumer needed a
      - Configuration ':core:debugRuntimeElements' variant android-symbol declares a component for use during runtime, preferably optimized for Android, as
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-symbol' and the consumer neede
      - Configuration ':core:debugRuntimeElements' variant android-symbol-with-package-name declares a component for use during runtime, preferably optimize
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-symbol-with-package-name' and
      - Configuration ':core:debugRuntimeElements' variant jar declares a component for use during runtime, preferably optimized for Android, as well as att
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'jar' and the consumer needed a compone
      - Configuration ':core:debugRuntimeElements' variant supported-locale-list declares a component for use during runtime, preferably optimized for Andro
         - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'supported-locale-list' and the consume

* Try:
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> 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.

* Exception is:
org.gradle.api.internal.tasks.TaskDependencyResolveException: Could not determine the dependencies of task ':android:app:mergeDebugJavaResource'.
        at org.gradle.api.internal.tasks.CachingTaskDependencyResolveContext.getDependencies(CachingTaskDependencyResolveContext.java:68)
        at org.gradle.execution.plan.TaskDependencyResolver.resolveDependenciesFor(TaskDependencyResolver.java:49)
        at org.gradle.execution.plan.LocalTaskNode.getDependencies(LocalTaskNode.java:148)
        at org.gradle.execution.plan.LocalTaskNode.resolveDependencies(LocalTaskNode.java:122)
        at org.gradle.execution.plan.DefaultExecutionPlan.discoverNodeRelationships(DefaultExecutionPlan.java:184)
        at org.gradle.execution.plan.DefaultExecutionPlan.doAddEntryNodes(DefaultExecutionPlan.java:156)
        at org.gradle.execution.plan.DefaultExecutionPlan.addEntryTasks(DefaultExecutionPlan.java:131)
        at org.gradle.execution.plan.DefaultExecutionPlan.addEntryTasks(DefaultExecutionPlan.java:123)
        at org.gradle.execution.TaskNameResolvingBuildTaskScheduler.scheduleRequestedTasks(TaskNameResolvingBuildTaskScheduler.java:54)
        at org.gradle.execution.DefaultTasksBuildTaskScheduler.scheduleRequestedTasks(DefaultTasksBuildTaskScheduler.java:72)
        at org.gradle.initialization.DefaultTaskExecutionPreparer.lambda$scheduleRequestedTasks$0(DefaultTaskExecutionPreparer.java:46)
        at org.gradle.internal.Factories$1.create(Factories.java:31)
        at org.gradle.internal.work.DefaultWorkerLeaseService.withReplacedLocks(DefaultWorkerLeaseService.java:345)
        at org.gradle.api.internal.project.DefaultProjectStateRegistry$DefaultBuildProjectRegistry.withMutableStateOfAllProjects(DefaultProjectStateRegistry.
        at org.gradle.api.internal.project.DefaultProjectStateRegistry$DefaultBuildProjectRegistry.withMutableStateOfAllProjects(DefaultProjectStateRegistry.
        at org.gradle.initialization.DefaultTaskExecutionPreparer.scheduleRequestedTasks(DefaultTaskExecutionPreparer.java:45)
        at org.gradle.initialization.VintageBuildModelController.lambda$scheduleRequestedTasks$0(VintageBuildModelController.java:76)
        at org.gradle.internal.model.StateTransitionController.lambda$inState$1(StateTransitionController.java:99)
        at org.gradle.internal.model.StateTransitionController.lambda$inState$2(StateTransitionController.java:114)
        at org.gradle.internal.work.DefaultSynchronizer.withLock(DefaultSynchronizer.java:44)
        at org.gradle.internal.model.StateTransitionController.inState(StateTransitionController.java:110)
        at org.gradle.internal.model.StateTransitionController.inState(StateTransitionController.java:98)
        at org.gradle.initialization.VintageBuildModelController.scheduleRequestedTasks(VintageBuildModelController.java:76)
        at org.gradle.internal.build.DefaultBuildLifecycleController$DefaultWorkGraphBuilder.addRequestedTasks(DefaultBuildLifecycleController.java:351)
        at org.gradle.internal.buildtree.DefaultBuildTreeWorkPreparer.lambda$scheduleRequestedTasks$0(DefaultBuildTreeWorkPreparer.java:41)
        at org.gradle.internal.build.DefaultBuildLifecycleController.lambda$populateWorkGraph$7(DefaultBuildLifecycleController.java:186)
        at org.gradle.internal.build.DefaultBuildWorkPreparer.populateWorkGraph(DefaultBuildWorkPreparer.java:42)
        at org.gradle.internal.build.BuildOperationFiringBuildWorkPreparer$PopulateWorkGraph.populateTaskGraph(BuildOperationFiringBuildWorkPreparer.java:106
        at org.gradle.internal.build.BuildOperationFiringBuildWorkPreparer$PopulateWorkGraph.run(BuildOperationFiringBuildWorkPreparer.java:92)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$1.execute(DefaultBuildOperationRunner.java:29)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$1.execute(DefaultBuildOperationRunner.java:26)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$2.execute(DefaultBuildOperationRunner.java:66)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$2.execute(DefaultBuildOperationRunner.java:59)
        at org.gradle.internal.operations.DefaultBuildOperationRunner.execute(DefaultBuildOperationRunner.java:157)
        at org.gradle.internal.operations.DefaultBuildOperationRunner.execute(DefaultBuildOperationRunner.java:59)
        at org.gradle.internal.operations.DefaultBuildOperationRunner.run(DefaultBuildOperationRunner.java:47)
        at org.gradle.internal.operations.DefaultBuildOperationExecutor.run(DefaultBuildOperationExecutor.java:68)
        at org.gradle.internal.build.BuildOperationFiringBuildWorkPreparer.populateWorkGraph(BuildOperationFiringBuildWorkPreparer.java:67)
        at org.gradle.internal.build.DefaultBuildLifecycleController.lambda$populateWorkGraph$8(DefaultBuildLifecycleController.java:186)
        at org.gradle.internal.model.StateTransitionController.lambda$inState$1(StateTransitionController.java:99)
        at org.gradle.internal.model.StateTransitionController.lambda$inState$2(StateTransitionController.java:114)
        at org.gradle.internal.work.DefaultSynchronizer.withLock(DefaultSynchronizer.java:44)
        at org.gradle.internal.model.StateTransitionController.inState(StateTransitionController.java:110)
        at org.gradle.internal.model.StateTransitionController.inState(StateTransitionController.java:98)
        at org.gradle.internal.build.DefaultBuildLifecycleController.populateWorkGraph(DefaultBuildLifecycleController.java:186)
        at org.gradle.internal.build.DefaultBuildWorkGraphController$DefaultBuildWorkGraph.populateWorkGraph(DefaultBuildWorkGraphController.java:169)
        at org.gradle.composite.internal.DefaultBuildController.populateWorkGraph(DefaultBuildController.java:76)
        at org.gradle.composite.internal.DefaultIncludedBuildTaskGraph$DefaultBuildTreeWorkGraphBuilder.withWorkGraph(DefaultIncludedBuildTaskGraph.java:153)
        at org.gradle.internal.buildtree.DefaultBuildTreeWorkPreparer.lambda$scheduleRequestedTasks$1(DefaultBuildTreeWorkPreparer.java:41)
        at org.gradle.composite.internal.DefaultIncludedBuildTaskGraph$DefaultBuildTreeWorkGraph$1.run(DefaultIncludedBuildTaskGraph.java:209)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$1.execute(DefaultBuildOperationRunner.java:29)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$1.execute(DefaultBuildOperationRunner.java:26)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$2.execute(DefaultBuildOperationRunner.java:66)
        at org.gradle.internal.operations.DefaultBuildOperationRunner$2.execute(DefaultBuildOperationRunner.java:59)
        at org.gradle.internal.operations.DefaultBuildOperationRunner.execute(DefaultBuildOperationRunner.java:157)
        at org.gradle.internal.operations.DefaultBuildOperationRunner.execute(DefaultBuildOperationRunner.java:59)
        at org.gradle.internal.operations.DefaultBuildOperationRunner.run(DefaultBuildOperationRunner.java:47)
        at org.gradle.internal.operations.DefaultBuildOperationExecutor.run(DefaultBuildOperationExecutor.java:68)
        at org.gradle.composite.internal.DefaultIncludedBuildTaskGraph$DefaultBuildTreeWorkGraph.scheduleWork(DefaultIncludedBuildTaskGraph.java:204)
        at org.gradle.internal.buildtree.DefaultBuildTreeWorkPreparer.scheduleRequestedTasks(DefaultBuildTreeWorkPreparer.java:37)
        at org.gradle.configurationcache.VintageBuildTreeWorkController$scheduleAndRunRequestedTasks$1.apply(VintageBuildTreeWorkController.kt:36)
        at org.gradle.configurationcache.VintageBuildTreeWorkController$scheduleAndRunRequestedTasks$1.apply(VintageBuildTreeWorkController.kt:35)
        at org.gradle.composite.internal.DefaultIncludedBuildTaskGraph.withNewWorkGraph(DefaultIncludedBuildTaskGraph.java:112)
        at org.gradle.configurationcache.VintageBuildTreeWorkController.scheduleAndRunRequestedTasks(VintageBuildTreeWorkController.kt:35)
        at org.gradle.internal.buildtree.DefaultBuildTreeLifecycleController.lambda$scheduleAndRunTasks$1(DefaultBuildTreeLifecycleController.java:68)
        at org.gradle.internal.buildtree.DefaultBuildTreeLifecycleController.lambda$runBuild$4(DefaultBuildTreeLifecycleController.java:98)
        at org.gradle.internal.model.StateTransitionController.lambda$transition$6(StateTransitionController.java:169)
        at org.gradle.internal.model.StateTransitionController.doTransition(StateTransitionController.java:266)
        at org.gradle.internal.model.StateTransitionController.lambda$transition$7(StateTransitionController.java:169)
        at org.gradle.internal.work.DefaultSynchronizer.withLock(DefaultSynchronizer.java:44)
        at org.gradle.internal.model.StateTransitionController.transition(StateTransitionController.java:169)
        at org.gradle.internal.buildtree.DefaultBuildTreeLifecycleController.runBuild(DefaultBuildTreeLifecycleController.java:95)
        at org.gradle.internal.buildtree.DefaultBuildTreeLifecycleController.scheduleAndRunTasks(DefaultBuildTreeLifecycleController.java:68)
        at org.gradle.internal.buildtree.DefaultBuildTreeLifecycleController.scheduleAndRunTasks(DefaultBuildTreeLifecycleController.java:63)
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	at org.gradle.tooling.internal.provider.ExecuteBuildActionRunner.run(ExecuteBuildActionRunner.java:31)
	at org.gradle.launcher.exec.ChainingBuildActionRunner.run(ChainingBuildActionRunner.java:35)
	at org.gradle.internal.buildtree.ProblemReportingBuildActionRunner.run(ProblemReportingBuildActionRunner.java:49)
	at org.gradle.launcher.exec.BuildOutcomeReportingBuildActionRunner.run(BuildOutcomeReportingBuildActionRunner.java:65)
	at org.gradle.tooling.internal.provider.FileSystemWatchingBuildActionRunner.run(FileSystemWatchingBuildActionRunner.java:140)
	at org.gradle.launcher.exec.BuildCompletionNotifyingBuildActionRunner.run(BuildCompletionNotifyingBuildActionRunner.java:41)
	at org.gradle.launcher.exec.RootBuildLifecycleBuildActionExecutor.lambda$execute$0(RootBuildLifecycleBuildActionExecutor.java:40)
	at org.gradle.composite.internal.DefaultRootBuildState.run(DefaultRootBuildState.java:122)
	at org.gradle.launcher.exec.RootBuildLifecycleBuildActionExecutor.execute(RootBuildLifecycleBuildActionExecutor.java:40)
	at org.gradle.internal.buildtree.InitDeprecationLoggingActionExecutor.execute(InitDeprecationLoggingActionExecutor.java:58)
	at org.gradle.internal.buildtree.DefaultBuildTreeContext.execute(DefaultBuildTreeContext.java:40)
	at org.gradle.launcher.exec.BuildTreeLifecycleBuildActionExecutor.lambda$execute$0(BuildTreeLifecycleBuildActionExecutor.java:65)
	at org.gradle.internal.buildtree.BuildTreeState.run(BuildTreeState.java:53)
	at org.gradle.launcher.exec.BuildTreeLifecycleBuildActionExecutor.execute(BuildTreeLifecycleBuildActionExecutor.java:65)
	at org.gradle.launcher.exec.RunAsBuildOperationBuildActionExecutor$3.call(RunAsBuildOperationBuildActionExecutor.java:61)
	at org.gradle.launcher.exec.RunAsBuildOperationBuildActionExecutor$3.call(RunAsBuildOperationBuildActionExecutor.java:57)
	at org.gradle.internal.operations.DefaultBuildOperationRunner$CallableBuildOperationWorker.execute(DefaultBuildOperationRunner.java:204)
	at org.gradle.internal.operations.DefaultBuildOperationRunner$CallableBuildOperationWorker.execute(DefaultBuildOperationRunner.java:199)
	at org.gradle.internal.operations.DefaultBuildOperationRunner$2.execute(DefaultBuildOperationRunner.java:66)
	at org.gradle.internal.operations.DefaultBuildOperationRunner$2.execute(DefaultBuildOperationRunner.java:59)
	at org.gradle.internal.operations.DefaultBuildOperationRunner.execute(DefaultBuildOperationRunner.java:157)
	at org.gradle.internal.operations.DefaultBuildOperationRunner.execute(DefaultBuildOperationRunner.java:59)
	at org.gradle.internal.operations.DefaultBuildOperationRunner.call(DefaultBuildOperationRunner.java:53)
	at org.gradle.internal.operations.DefaultBuildOperationExecutor.call(DefaultBuildOperationExecutor.java:73)
	at org.gradle.launcher.exec.RunAsBuildOperationBuildActionExecutor.execute(RunAsBuildOperationBuildActionExecutor.java:57)
	at org.gradle.launcher.exec.RunAsWorkerThreadBuildActionExecutor.lambda$execute$0(RunAsWorkerThreadBuildActionExecutor.java:36)
	at org.gradle.internal.work.DefaultWorkerLeaseService.withLocks(DefaultWorkerLeaseService.java:249)
	at org.gradle.internal.work.DefaultWorkerLeaseService.runAsWorkerThread(DefaultWorkerLeaseService.java:109)
	at org.gradle.launcher.exec.RunAsWorkerThreadBuildActionExecutor.execute(RunAsWorkerThreadBuildActionExecutor.java:36)
	at org.gradle.tooling.internal.provider.continuous.ContinuousBuildActionExecutor.execute(ContinuousBuildActionExecutor.java:110)
	at org.gradle.tooling.internal.provider.SubscribableBuildActionExecutor.execute(SubscribableBuildActionExecutor.java:64)
	at org.gradle.internal.session.DefaultBuildSessionContext.execute(DefaultBuildSessionContext.java:46)
	at org.gradle.tooling.internal.provider.BuildSessionLifecycleBuildActionExecuter$ActionImpl.apply(BuildSessionLifecycleBuildActionExecuter.java:100)
	at org.gradle.tooling.internal.provider.BuildSessionLifecycleBuildActionExecuter$ActionImpl.apply(BuildSessionLifecycleBuildActionExecuter.java:88)
	at org.gradle.internal.session.BuildSessionState.run(BuildSessionState.java:69)
	at org.gradle.tooling.internal.provider.BuildSessionLifecycleBuildActionExecuter.execute(BuildSessionLifecycleBuildActionExecuter.java:62)
	at org.gradle.tooling.internal.provider.BuildSessionLifecycleBuildActionExecuter.execute(BuildSessionLifecycleBuildActionExecuter.java:41)
	at org.gradle.tooling.internal.provider.StartParamsValidatingActionExecuter.execute(StartParamsValidatingActionExecuter.java:64)
	at org.gradle.tooling.internal.provider.StartParamsValidatingActionExecuter.execute(StartParamsValidatingActionExecuter.java:32)
	at org.gradle.tooling.internal.provider.SessionFailureReportingActionExecuter.execute(SessionFailureReportingActionExecuter.java:50)
	at org.gradle.tooling.internal.provider.SessionFailureReportingActionExecuter.execute(SessionFailureReportingActionExecuter.java:38)
	at org.gradle.tooling.internal.provider.SetupLoggingActionExecuter.execute(SetupLoggingActionExecuter.java:47)
	at org.gradle.tooling.internal.provider.SetupLoggingActionExecuter.execute(SetupLoggingActionExecuter.java:31)
	at org.gradle.launcher.daemon.server.exec.ExecuteBuild.doBuild(ExecuteBuild.java:65)
	at org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.WatchForDisconnection.execute(WatchForDisconnection.java:39)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.ResetDeprecationLogger.execute(ResetDeprecationLogger.java:29)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.RequestStopIfSingleUsedDaemon.execute(RequestStopIfSingleUsedDaemon.java:35)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClientInput.java:78)
	at org.gradle.launcher.daemon.server.exec.ForwardClientInput$2.create(ForwardClientInput.java:75)
	at org.gradle.util.internal.Swapper.swap(Swapper.java:38)
	at org.gradle.launcher.daemon.server.exec.ForwardClientInput.execute(ForwardClientInput.java:75)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.LogAndCheckHealth.execute(LogAndCheckHealth.java:64)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.LogToClient.doBuild(LogToClient.java:63)
	at org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.EstablishBuildEnvironment.doBuild(EstablishBuildEnvironment.java:84)
	at org.gradle.launcher.daemon.server.exec.BuildCommandOnly.execute(BuildCommandOnly.java:37)
	at org.gradle.launcher.daemon.server.api.DaemonCommandExecution.proceed(DaemonCommandExecution.java:104)
	at org.gradle.launcher.daemon.server.exec.StartBuildOrRespondWithBusy$1.run(StartBuildOrRespondWithBusy.java:52)
	at org.gradle.launcher.daemon.server.DaemonStateCoordinator$1.run(DaemonStateCoordinator.java:297)
	at org.gradle.internal.concurrent.ExecutorPolicy$CatchAndRecordFailures.onExecute(ExecutorPolicy.java:64)
	at org.gradle.internal.concurrent.AbstractManagedExecutor$1.run(AbstractManagedExecutor.java:47)
Caused by: org.gradle.api.internal.artifacts.ivyservice.DefaultLenientConfiguration$ArtifactResolveException: Could not resolve all task dependencies for con
	at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration.mapFailure(DefaultConfiguration.java:1769)
	at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration.access$3400(DefaultConfiguration.java:176)
	at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration$DefaultResolutionHost.mapFailure(DefaultConfiguration.java:2496)
	at org.gradle.api.internal.artifacts.configurations.ResolutionBackedFileCollection.visitDependencies(ResolutionBackedFileCollection.java:60)
	at org.gradle.api.internal.tasks.CachingTaskDependencyResolveContext$TaskGraphImpl.getNodeValues(CachingTaskDependencyResolveContext.java:103)
	at org.gradle.internal.graph.CachingDirectedGraphWalker$GraphWithEmptyEdges.getNodeValues(CachingDirectedGraphWalker.java:213)
	at org.gradle.internal.graph.CachingDirectedGraphWalker.doSearch(CachingDirectedGraphWalker.java:121)
	at org.gradle.internal.graph.CachingDirectedGraphWalker.findValues(CachingDirectedGraphWalker.java:73)
	at org.gradle.api.internal.tasks.CachingTaskDependencyResolveContext.getDependencies(CachingTaskDependencyResolveContext.java:66)
	... 142 more
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Caused by: org.gradle.internal.component.AmbiguousVariantSelectionException: The consumer was configured to find a component for use during runtime, preferab
  - Configuration ':core:debugRuntimeElements' declares a component for use during runtime, preferably optimized for Android, as well as attribute 'artifactT
      - Unmatched attributes:
          - Provides attribute 'com.android.build.gradle.internal.attributes.VariantAttr' with value 'debug' but the consumer didn't ask for it
          - Provides a library but the consumer didn't ask for it
  - Configuration ':core:debugRuntimeElements' variant android-java-res declares a component for use during runtime, preferably optimized for Android, as wel
      - Unmatched attributes:
          - Provides attribute 'com.android.build.gradle.internal.attributes.VariantAttr' with value 'debug' but the consumer didn't ask for it
          - Provides a library but the consumer didn't ask for it
The following variants were also considered but didn't match the requested attributes:
  - Configuration ':core:debugRuntimeElements' variant android-aar-metadata declares a component for use during runtime, preferably optimized for Android, as
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-aar-metadata' and the consumer need
  - Configuration ':core:debugRuntimeElements' variant android-art-profile declares a component for use during runtime, preferably optimized for Android, as
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-art-profile' and the consumer neede
  - Configuration ':core:debugRuntimeElements' variant android-assets declares a component for use during runtime, preferably optimized for Android, as well
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-assets' and the consumer needed a c
  - Configuration ':core:debugRuntimeElements' variant android-classes-directory-Aorg.gradle.libraryelements=classes declares a component for use during runt
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-classes-directory' and the consumer
  - Configuration ':core:debugRuntimeElements' variant android-classes-jar declares a component for use during runtime, preferably optimized for Android, as
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-classes-jar' and the consumer neede
  - Configuration ':core:debugRuntimeElements' variant android-compiled-dependencies-resources declares a component for use during runtime, preferably optimi
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-compiled-dependencies-resources' an
  - Configuration ':core:debugRuntimeElements' variant android-consumer-proguard-rules declares a component for use during runtime, preferably optimized for
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-consumer-proguard-rules' and the co
  - Configuration ':core:debugRuntimeElements' variant android-jni declares a component for use during runtime, preferably optimized for Android, as well as
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-jni' and the consumer needed a comp
  - Configuration ':core:debugRuntimeElements' variant android-lint declares a component for use during runtime, preferably optimized for Android, as well as
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint' and the consumer needed a com
  - Configuration ':core:debugRuntimeElements' variant android-lint-local-aar declares a component for use during runtime, preferably optimized for Android,
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-local-aar' and the consumer ne
  - Configuration ':core:debugRuntimeElements' variant android-lint-model-metadata declares a component for use during runtime, preferably optimized for Andr
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-model-metadata' and the consum
  - Configuration ':core:debugRuntimeElements' variant android-lint-variant-dependencies-model declares a component for use during runtime, preferably optimi
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-variant-dependencies-model' an
  - Configuration ':core:debugRuntimeElements' variant android-lint-variant-dependencies-partial-results declares a component for use during runtime, prefera
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-lint-variant-dependencies-partial-r
  - Configuration ':core:debugRuntimeElements' variant android-manifest declares a component for use during runtime, preferably optimized for Android, as wel
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-manifest' and the consumer needed a
  - Configuration ':core:debugRuntimeElements' variant android-navigation-json declares a component for use during runtime, preferably optimized for Android,
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-navigation-json' and the consumer n
  - Configuration ':core:debugRuntimeElements' variant android-public-res declares a component for use during runtime, preferably optimized for Android, as w
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-public-res' and the consumer needed
  - Configuration ':core:debugRuntimeElements' variant android-res declares a component for use during runtime, preferably optimized for Android, as well as
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-res' and the consumer needed a comp
  - Configuration ':core:debugRuntimeElements' variant android-symbol declares a component for use during runtime, preferably optimized for Android, as well
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-symbol' and the consumer needed a c
  - Configuration ':core:debugRuntimeElements' variant android-symbol-with-package-name declares a component for use during runtime, preferably optimized for
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'android-symbol-with-package-name' and the c
  - Configuration ':core:debugRuntimeElements' variant jar declares a component for use during runtime, preferably optimized for Android, as well as attribut
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'jar' and the consumer needed a component, a
  - Configuration ':core:debugRuntimeElements' variant supported-locale-list declares a component for use during runtime, preferably optimized for Android, a
      - Incompatible because this component declares a component, as well as attribute 'artifactType' with value 'supported-locale-list' and the consumer nee
        at org.gradle.api.internal.artifacts.transform.AttributeMatchingVariantSelector.doSelect(AttributeMatchingVariantSelector.java:130)
        at org.gradle.api.internal.artifacts.transform.AttributeMatchingVariantSelector.selectAndWrapFailures(AttributeMatchingVariantSelector.java:102)
        at org.gradle.api.internal.artifacts.transform.AttributeMatchingVariantSelector.select(AttributeMatchingVariantSelector.java:92)
        at org.gradle.api.internal.artifacts.ivyservice.resolveengine.artifact.DefaultArtifactSet.select(DefaultArtifactSet.java:86)
        at org.gradle.api.internal.artifacts.ivyservice.resolveengine.artifact.DefaultVisitedArtifactResults.select(DefaultVisitedArtifactResults.java:57)
        at org.gradle.api.internal.artifacts.ivyservice.resolveengine.artifact.DefaultVisitedArtifactResults.select(DefaultVisitedArtifactResults.java:71)
        at org.gradle.api.internal.artifacts.ivyservice.resolveengine.artifact.BuildDependenciesOnlyVisitedArtifactSet.select(BuildDependenciesOnlyVisitedArt
        at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration$SelectedArtifactsProvider.getTaskDependencyValue(DefaultConfiguration.java:1
        at org.gradle.api.internal.artifacts.configurations.DefaultConfiguration$SelectedArtifactsProvider.getTaskDependencyValue(DefaultConfiguration.java:1
        at org.gradle.api.internal.artifacts.configurations.ResolutionBackedFileCollection.visitDependencies(ResolutionBackedFileCollection.java:56)
        ... 147 more
```

COMMENTS

xi...@google.com <xi...@google.com>

Assigned to an...@google.com.

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ga...@google.com <ga...@google.com> #2

Status: Won't Fix (Infeasible)

Had a chat about this offline. The issue is that `:core` Gralde build file has:

```
artifacts {
    runtimeOnly(File("$buildDir/somefile.txt")) {
        type = "android-java-res"
    }
}
```

Running `./gradlew :core:outgoingVariants --all` shows:

```
--------------------------------------------------
    Secondary Variant android-java-res
    --------------------------------------------------

    Attributes
        - com.android.build.api.attributes.AgpVersionAttr          = 8.2.0-alpha15
        - com.android.build.api.attributes.BuildTypeAttr           = release
        - com.android.build.gradle.internal.attributes.VariantAttr = release
        - org.gradle.category                                      = library
        - org.gradle.jvm.environment                               = android
        - org.gradle.usage                                         = java-runtime
        - org.jetbrains.kotlin.platform.type                       = androidJvm
    Artifacts
        - build/intermediates/java_res/release/out (artifactType = android-java-res)

--------------------------------------------------
Variant releaseRuntimeElements
--------------------------------------------------
Runtime elements for release

Capabilities
    - My Application:mylibrary:unspecified (default capability)
Attributes
    - com.android.build.api.attributes.AgpVersionAttr          = 8.2.0-alpha15
    - com.android.build.api.attributes.BuildTypeAttr           = release
    - com.android.build.gradle.internal.attributes.VariantAttr = release
    - org.gradle.category                                      = library
    - org.gradle.jvm.environment                               = android
    - org.gradle.usage                                         = java-runtime
    - org.jetbrains.kotlin.platform.type                       = androidJvm
Artifacts
    - build/somefile.txt (artifactType = android-java-res)
```

i.e. we have two identical published variants: one as primary variant (`build/somefile.txt`) and another one as secondary (`build/intermediates/java_res/release/out`). This breaks c