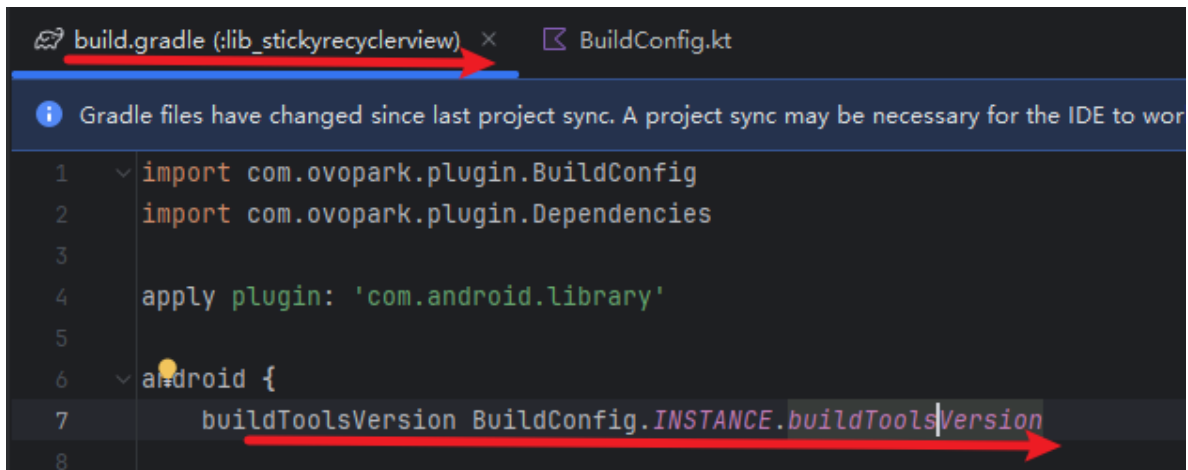


哥，您好，我遇到了以下版本问题，报错如下：

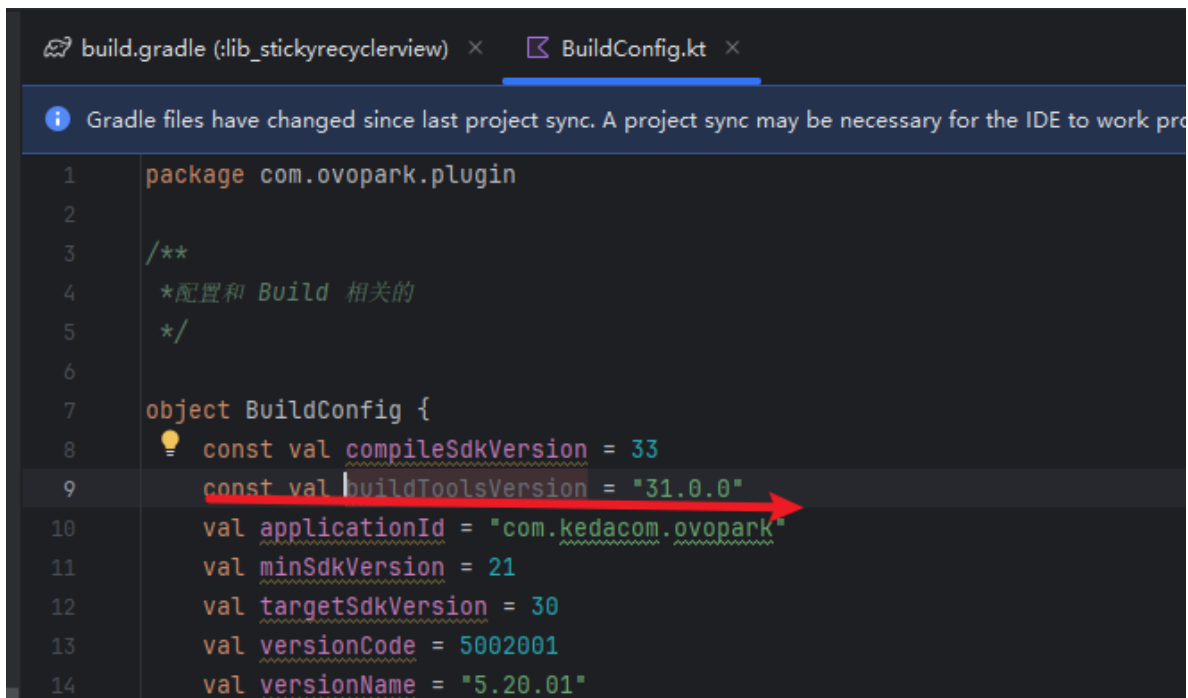
```
Could not determine the dependencies of task
':lib_stickyrecyclerview:generateDebugRFile'.
> Installed Build Tools revision 31.0.0 is corrupted. Remove and install again
using the SDK Manager.
```

我采用了以下方法：

1. 初步判断是**Build Tools 31.0.0 文件损坏或缺失关键组件**，我重新安装了他，但是仍然是相同的结果
2. 清除Gradle缓存，采用 `del /s /q "%USERPROFILE%\.gradle\caches"` 命令。仍是相同的结果。
3. 我去对应的lib_stickyrecyclerview模块的build.gradle文件中查看对应的buildtool版本，符合期望的版本



```
build.gradle (:lib_stickyrecyclerview) × BuildConfig.kt
Gradle files have changed since last project sync. A project sync may be necessary for the IDE to work properly.
1 import com.ovopark.plugin.BuildConfig
2 import com.ovopark.plugin.Dependencies
3
4 apply plugin: 'com.android.library'
5
6 android {
7     buildToolsVersion BuildConfig.INSTANCE.buildToolsVersion
8 }
```



```
build.gradle (:lib_stickyrecyclerview) × BuildConfig.kt ×
Gradle files have changed since last project sync. A project sync may be necessary for the IDE to work properly.
1 package com.ovopark.plugin
2
3 /**
4  *配置和 Build 相关的
5  */
6
7 object BuildConfig {
8     const val compileSdkVersion = 33
9     const val buildToolsVersion = "31.0.0"
10    val applicationId = "com.kedacom.ovopark"
11    val minSdkVersion = 21
12    val targetSdkVersion = 30
13    val versionCode = 5002001
14    val versionName = "5.20.01"
```

4. 我暂时移除掉这个lib_stickyrecyclerview模块，其他模块也报同样的错误：

Could not determine the dependencies of task ':lib_edit:generateDebugRFile'.

5. 根据构建报错信息"31.0.0版本的构建工具缺少了DX文件", 以及StackOverflow的解决方案发现, 31.0.0版本的构建工具缺少了"dx"和"dx.jar"这两文件, 正确的做法就是复制对应路径的"d8"和"d8.jar"这两文件创建副本, 并分别改名为"dx"和"dx.jar", 仍未解决问题
6. 使用./gradlew --stacktrace查看gradle堆栈信息

Welcome to Gradle 7.3.3!

Here are the highlights of this release:

- Easily declare new test suites in Java projects
- Support for Java 17
- Support for Scala 3

For more details see <https://docs.gradle.org/7.3.3/release-notes.html>

Starting a Gradle Daemon, 1 incompatible and 3 stopped Daemons could not be reused, use --status for details

FAILURE: Build failed with an exception.

* What went wrong:

Unable to start the daemon process.

This problem might be caused by incorrect configuration of the daemon.

For example, an unrecognized jvm option is used.

Please refer to the User Manual chapter on the daemon at

https://docs.gradle.org/7.3.3/userguide/gradle_daemon.html

Process command line: C:\Program Files\Java\jdk1.8.0_152\bin\java.exe -
XX:+HeapDumpOnOutOfMemoryError --add-exports=java.base/sun.nio.ch=ALL-UNNAMED --
add-opens=java.base/java.lang=ALL-UNNAMED --add-opens=java.base/java.lang.ref
lect=ALL-UNNAMED --add-opens=java.base/java.io=ALL-UNNAMED --add-
exports=jdk.unsupported/sun.misc=ALL-UNNAMED -Xmx8096m -Dfile.encoding=UTF-8 -
Duser.country=CN -Duser.language=zh -Duser.variant -cp
C:\Users\panruiqi\.gradle\wrapper\dists\gradle-7.3.3-
bin\6a41zxkdtcxs8rphpq6y0069z\gradle-7.3.3\lib\gradle-launcher-7.3.3.jar
org.gradle.launcher.daemon.bootstrap.GradleDaemon 7.3.3
Please read the following process output to find out more:

Error: Could not create the Java Virtual Machine.

Error: A fatal exception has occurred. Program will exit.

Unrecognized option: --add-exports=java.base/sun.nio.ch=ALL-UNNAMED

* Try:

> Run with --info or --debug option to get more log output.

> Run with --scan to get full insights.

* Exception is:

org.gradle.api.GradleException: Unable to start the daemon process.

This problem might be caused by incorrect configuration of the daemon.

For example, an unrecognized jvm option is used.

Please refer to the User Manual chapter on the daemon at

https://docs.gradle.org/7.3.3/userguide/gradle_daemon.html

Process command line: C:\Program Files\Java\jdk1.8.0_152\bin\java.exe -
XX:+HeapDumpOnOutOfMemoryError --add-exports=java.base/sun.nio.ch=ALL-UNNAMED --
add-opens=java.base/java.lang=ALL-UNNAMED --add-opens=java.base/java.lang.ref

```
lect=ALL-UNNAMED --add-opens=java.base/java.io=ALL-UNNAMED --add-
exports=jdk.unsupported/sun.misc=ALL-UNNAMED -Xmx8096m -Dfile.encoding=UTF-8 -
Duser.country=CN -Duser.language=zh -Duser.variant -cp
C:\Users\panruiqi\gradle\wrapper\dists\gradle-7.3.3-
bin\6a41zxkdtcxs8rphpq6y0069z\gradle-7.3.3\lib\gradle-launcher-7.3.3.jar
org.gradle.launcher.daemon.bootstrap.GradleDaemon 7.3.3
Please read the following process output to find out more:
-----
```

```
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
Unrecognized option: --add-exports=java.base/sun.nio.ch=ALL-UNNAMED
```

```
        at
org.gradle.launcher.daemon.client.DaemonGreeter.parseDaemonOutput(DaemonGreeter.
java:38)
        at
org.gradle.launcher.daemon.client.DefaultDaemonStarter.startProcess(DefaultDaemo
nStarter.java:181)
        at
org.gradle.launcher.daemon.client.DefaultDaemonStarter.startDaemon(DefaultDaemon
Starter.java:137)
        at
org.gradle.launcher.daemon.client.DefaultDaemonConnector.doStartDaemon(DefaultDa
emonConnector.java:222)
        at
org.gradle.launcher.daemon.client.DefaultDaemonConnector.startDaemon(DefaultDaem
onConnector.java:216)
        at
org.gradle.launcher.daemon.client.DaemonClient.execute(DaemonClient.java:164)
        at
org.gradle.launcher.daemon.client.DaemonClient.execute(DaemonClient.java:99)
        at org.gradle.launcher.cli.RunBuildAction.run(RunBuildAction.java:57)
        at
org.gradle.internal.Actions$RunnableActionAdapter.execute(Actions.java:210)
        at
org.gradle.launcher.cli.DefaultCommandLineActionFactory$ParseAndBuildAction.exec
ute(DefaultCommandLineActionFactory.java:275)
        at
org.gradle.launcher.cli.DefaultCommandLineActionFactory$ParseAndBuildAction.exec
ute(DefaultCommandLineActionFactory.java:247)
        at
org.gradle.launcher.cli.DebugLoggerWarningAction.execute(DebugLoggerWarningActio
n.java:82)
        at
org.gradle.launcher.cli.DebugLoggerWarningAction.execute(DebugLoggerWarningActio
n.java:30)
        at
org.gradle.launcher.cli.WelcomeMessageAction.execute(WelcomeMessageAction.java:9
2)
        at
org.gradle.launcher.cli.WelcomeMessageAction.execute(WelcomeMessageAction.java:3
8)
        at
org.gradle.launcher.cli.NativeServicesInitializingAction.execute(NativeServicesI
nitializingAction.java:44)
        at
org.gradle.launcher.cli.NativeServicesInitializingAction.execute(NativeServicesI
nitializingAction.java:26)
```

```

        at
org.gradle.launcher.cli.ExceptionReportingAction.execute(ExceptionReportingAction.java:41)
        at
org.gradle.launcher.cli.ExceptionReportingAction.execute(ExceptionReportingAction.java:26)
        at
org.gradle.launcher.cli.DefaultCommandLineActionFactory$WithLogging.execute(DefaultCommandLineActionFactory.java:240)
        at org.gradle.launcher.Main.doAction(Main.java:35)
        at org.gradle.launcher.bootstrap.EntryPoint.run(EntryPoint.java:50)
        at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
        at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
        at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
        at java.lang.reflect.Method.invoke(Unknown Source)
        at
org.gradle.launcher.bootstrap.ProcessBootstrap.runNoExit(ProcessBootstrap.java:60)
        at
org.gradle.launcher.bootstrap.ProcessBootstrap.run(ProcessBootstrap.java:37)
        at org.gradle.launcher.GradleMain.main(GradleMain.java:31)
        at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
        at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
        at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
        at java.lang.reflect.Method.invoke(Unknown Source)
        at
org.gradle.wrapper.BootstrapMainStarter.start(BootstrapMainStarter.java:30)
        at org.gradle.wrapper.WrapperExecutor.execute(WrapperExecutor.java:129)
        at org.gradle.wrapper.GradleWrapperMain.main(GradleWrapperMain.java:61)

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

```

这个错误的核心问题是 **Gradle 7.3.3 与 JDK 1.8 不兼容**。

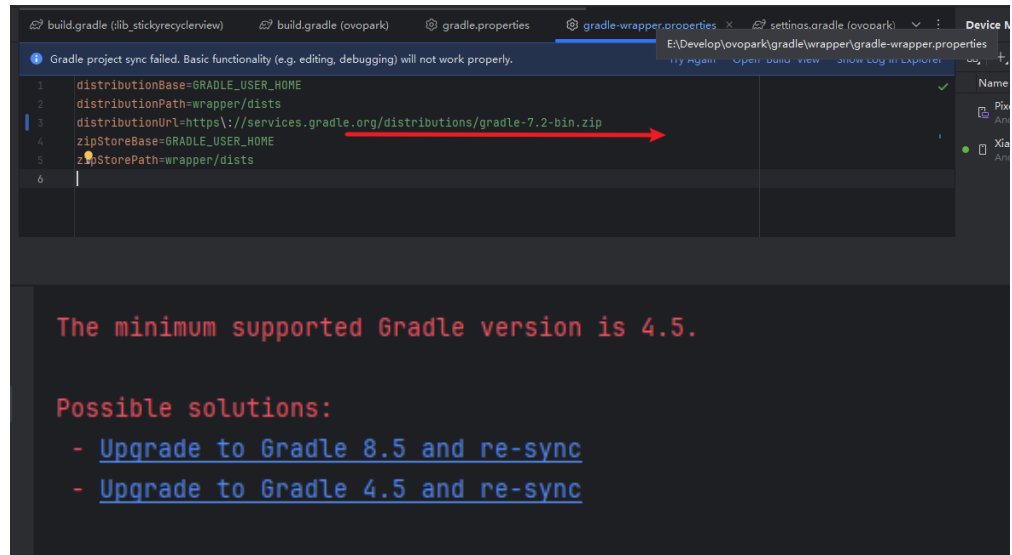
Here are the highlights of this release:

- Easily declare new test suites in Java projects
- Support for Java 17
- Support for Scala 3

应该是环境配置没有符合要求，重新看仓库：

- 开发工具约定 Android Studio Version: 3.0.1 +
- buildToolsVersion: 25.0.2
- Support Library Version: 25.1.1
- classpath 'com.android.tools.build:gradle:2.2.3'
- minSdkVersion: 15
- targetSdkVersion: 19
- compileSdkVersion: 25
- Gradle Version: 2.14.1
- 我的思路：
 - 安装匹配的JDK版本：JDK1.8（已完成）

- 配置Gradle版本, 在 `gradle-wrapper.properties` 中指定 Gradle 2.14.1: (存在困惑, 项目里面指定的不同,更新对应版本, 报错:)



- 删除本地Gradle缓存
- Android Studio版本 (应该不需要, 采用ftp中获取的, 理论没问题)
- 指定SDK版本: `sdkmanager "platforms;android-25"`
- 设置构建工具版本: `"build-tools;25.0.2"`