📁 Android Public Tracker > App Development > Android Studio > Gradle > C++ Build   189966589 ▾

← C ☆ GNUMAKE throws exception on arguments like "-mllvm -oXXXX"   +1   Hotlists   Mark as Duplicate   🔔 ⋮

Comments (3)   Dependencies   Duplicates (0)   Blocking (0)   Resources (1)

Fixed   Bug   P3   + Add Hotlist

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

📄 **DESCRIPTION** dr...@tencent.com created issue #1

Related source code:
https://android.googlesource.com/platform/tools/base/+/studio-master-dev/build-system/gradle-core/src/main/java/com/android/build/gradle/external/gnumake/CommandClassifier.java#23

GNUMAKE throws exception on arguments like "-mllvm -oXXXX"

Arguments paired with "-mllvm" will be passed to llvm backend, and it could starts with any leading letter including "-o" / "-c" / "-S" / "-E".

These arguments should not be parsed as obj or source option. Please filter out arguments paired with "-mllvm" while handling options.

Studio Build:

- Version of Gradle Plugin: see source
- Version of Gradle: see source
- Version of Java: -
- OS: Windows 10 x64

Steps to Reproduce:

1. Manually create a makefile project
2. Set LOCAL_CPPFLAGS or APP_CFLAGS to "-mllvm -obf-somefeature". which is supported in a private ndk toolchain.
3. Open Android Studio, import the makefile project.
4. In gradle file, add

```
externalNativeBuild {
    ndkBuild {
        path file('src/main/jni/Android.mk')
    }
}
```

5. build the project, an exception will be thrown,

```
Cause: java.lang.RuntimeException: GNUMAKE: Expected exactly one -o file in compile step: com.android.build.gradle.external.gnumake.CommandClassifier$NativeC
but received:
bf-somefeature
```

COMMENTS   All comment

◯ **es...@google.com** <es...@google.com>
   Assigned to an...@google.com.

◯ **ar...@google.com** <ar...@google.com> #2
   Reassigned to jo...@google.com.

   This is in AGP where it parses ndk build, in BuildStepInfo.kt

◯ **jo...@google.com** <jo...@google.com> #3
   Marked as fixed.

   Thank you for the helpful bug report. This is fixed now (internal Change-Id: I3b18f3eb2d28c4fc9b971bb80d0850ca59127cf6). It should arrive in an upcoming canary of Bumblebee (probably