

Tracing library should not package dalvik.* classes

+1

Hotlists

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Comments (5) Dependencies Duplicates (0) Blocking (0) Resources (0)

Duplicate of 280878596 Bug P3 + Add Hotlist

STATUS UPDATE No update yet. Edit

DESCRIPTION

ag...@google.com created issue [#1](#)

Sep 21, 2023 11:11AM

Just got this build error in Chrome:

```
...
Warning in
obj/third_party/androidx/androidx_tracing_tracing_peretto.java/classes.jar:dalvik/annotation/optimization/CriticalNative.class:
Type dalvik.annotation.optimization.CriticalNative is defined by both the program:
obj/third_party/androidx/androidx_tracing_tracing_peretto.java/classes.jar:dalvik/annotation/optimization/CriticalNative.class and
the library: ../third_party/android_sdk/public/platforms/android-34/android.jar:dalvik/annotation/optimization/CriticalNative.class
Warning in
obj/third_party/androidx/androidx_tracing_tracing_peretto.java/classes.jar:dalvik/annotation/optimization/FastNative.class:
Type dalvik.annotation.optimization.FastNative is defined by both the program:
obj/third_party/androidx/androidx_tracing_tracing_peretto.java/classes.jar:dalvik/annotation/optimization/FastNative.class and
the library: ../third_party/android_sdk/public/platforms/android-34/android.jar:dalvik/annotation/optimization/FastNative.class
...

We are using the nightly androidx snapshots.
I just manually checked and `androidx_tracing_tracing_peretto` is infact bundling some `dalvik.*` classes:
...
> unzip -l classes.jar|grep dalvik
 665 1981-01-01 01:01  dalvik/annotation/optimization/CriticalNative.class
 657 1981-01-01 01:01  dalvik/annotation/optimization/FastNative.class
...

It should not do that.
```

COMMENTS

All comments

↓ Oldest first

- ra...@google.com <ra...@google.com> [#2](#)

Sep 22, 2023 02:18AM

Status: *Won't Fix (Intended Behavior)*

This is WAI.

We do this so we can use some of the optimizations that `CriticalNative` and `FastNative` can provide; when communicating with the Peretto C++ SDK when using JNI.

Adding @jgielzak to cc.
- ag...@google.com <ag...@google.com> [#3](#)

Sep 22, 2023 03:55AM

Status: *Assigned (reopened)*

Can you not just depend on the OS copy of the classes though? You don't bundle .class files for the `android.*` symbols that you use.
- ag...@google.com <ag...@google.com> [#4](#)

Sep 22, 2023 03:56AM

Note: The compile error we're hitting shows that these classes exist in the android sdk jar.
- jg...@google.com <jg...@google.com> [#5](#)

Sep 22, 2023 04:00AM

These classes only recently got public visibility. Are you blocked on this or are you able to suppress the error?

Now that these are visible to us (AFAIK), we can consider dropping our own copies in favour of the system ones as you suggested, but we need to be careful not to break tracing for older versions of the OS.
- cc...@google.com <cc...@google.com>

Sep 22, 2023 04:26AM

Status: *Duplicate of [280878596](#)*

Reporter ag...@google.com

Type Bug

Priority P3

Severity S2

Status Duplicate of 280878596

Access Default access View

Expanded Access?

Assignee ra...@google.com

Verifier --

Collaborators ^

CC ag...@google.com
cc...@google.com
jg...@google.com ^

AOSP ID --

Estimate --

Found In --

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