

AGP duplicates res/ folders at top-level of generated AARs

+1 1 Hotlists Mark as Duplicate

Comments (4) Dependencies Duplicates (1) Blocking (0) Resources (0)

Fixed Bug P1 + Add Hotlist

STATUS UPDATE No update yet. Edit

DESCRIPTION al...@google.com created issue #1 May 11, 2022 05:10AM

I was doing some post-processing of AARs today and noticed that when AGP generates AAR, it includes empty duplicates of all folders in res/ at the top-level. For example, appcompat-1.3.0.aar contains:

```
/values-zu (empty)
/values-zh-rTW (empty)
...
/res/values-zu
/res/values-zh-rTW
```

This has been happening since the earliest Jetpack AARs were generated, so it doesn't look like a recent regression. It's not harmful - the AARs still work as expected -- but the top-level directories are unnecessary.

This is still happening as of AGP 7.3.0-alpha08.

Reporter al...@google.com

Type Bug

Priority P1

Severity S2

Status Fixed

Access Default access View

Assignee lu...@google.com

Verifier --

Collaborators

CC al...@google.com lu...@google.com

AOSP ID --

Blocking Release --

Release Status --

Found In --

Targeted To --

Verified In --

In Prod

Show 1 additional field

COMMENTS All comments Oldest first

ha...@google.com <ha...@google.com> May 12, 2022 11:01AM Assigned to an...@google.com.

je...@google.com <je...@google.com> May 13, 2022 06:27AM Reassigned to lu...@google.com.

lu...@google.com <lu...@google.com> May 13, 2022 08:29PM Accepted by lu...@google.com.

lu...@google.com <lu...@google.com> #2 Aug 16, 2022 01:18AM It seems this issue is more severe. It appears that other aar published artifacts are being duplicated under the zip directory. For example, when publishing prefabs we expect the structure to be:

```
/
prefab/
modules/
prefab.json
foo/
...
```

However, it appears in some cases (prefab, jni, renderscript and likely more) we also copy over the subdirectory and their directory structure to under root directory. So leads to cases like:

```
/
prefab/
modules/
prefab.json
foo/
...
modules/
prefab.json
foo/
...
```

Thankfully these phantom directories don't contain actual files, large libraries could potentially waste a non-trivial amount of space & build time on generating these wasted directories.

Message last modified on Aug 16, 2022 08:11PM



lu...@google.com <lu...@google.com> #3

Aug 17, 2022 02:41AM

Marked as fixed.



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

Jan 15, 2023 10:29AM ⋮

Fixed in which version?!

AGP 7.3.1 certainly produces a duplicated folder trees when using `prefabPublishing true`. E.g.:

```
modules\mymodule\include
prefab\modules\mymodule\include
```



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

Jan 18, 2023 09:23PM ⋮

The fix should be included from AGP 7.4-alpha10. Unfortunately, the issue is still present in AGP 7.3.1.