

64512 ./lib/x86_64 65332 ./lib/arm64-v8a 253732 ./lib 26620 . 266620 total /usr/local/google/workspace/temp/Downloads/appsearch-size/appsearch-work/appsearch-appsearch-local-storage_appsearch-local-storage-debug-androidTest.apk_r 64508 lib/x86_64/libicing.so 63276 lib/x86/libicing.so 6328 lib/arm64-v8a/libicing.so 65328 lib/arm64-v8a/libicing.so 65328 total
je@google.com <je@google.com><u>#4</u> Do we know if there are any architectures that we know are unneeded and can be removed?</je@google.com>
je@google.com <je@google.com><u>#5</u> Comment #2 also seems to be correct about test apks keeping lots of debug symbols; I'm observing a large difference in sizes among different copies of a libicing.so built in different ways:</je@google.com>
/usr/local/google/workspace/aosp-androidx-git/out 12:25 (androidx-main)\$ find -name "*.so" grep arm64-v8a xargs du -h 58M
In particular, compare these files:
2.1M ./androidx/appsearch/appsearch-local-storage/build/intermediates/stripped_native_libs/release/out/lib/arm64-v8a/libicing.so 64M ./androidx/appsearch/appsearch-local-storage/build/intermediates/merged_native_libs/debugAndroidTest/out/lib/arm64-v8a/libicing.so
au@google.com <au@google.com><u>#6</u> What can we do here to drop these debug symbols from our test apks?</au@google.com>
sp@google.com <sp@google.com><u>#7</u></sp@google.com>
Currently, AGP doesn't support stripping .so files for test APKs, but the proposal is to enable stripping for test APK .so files by default in AGP (Issue 228846664).
au@google.com <au@google.com><u>#8</u> Reassigned to bu@google.com. Bugjuggler: b/228846664</au@google.com>
bu@google.com <bu> bu@google.com > #9 Accepted by bu@google.com. Hi. I've received your bug and will wait for b/228846664 to be resolved and then assign the bug to jeffrygaston@google.com.</bu>
bu@google.com <bu@google.com> Assigned to je@google.com.</bu@google.com>
je@google.com <je@google.com> Status: New</je@google.com>