Android Public Tracker > App Development > Jetpack (androidx) > AppSearch   286508243

← C ☆ Proguard Rules for AppSearch Local Storage

+1 ² | Hotlists | Mark as Duplicate

Comments (3) | Dependencies | Duplicates (0) | Blocking (0) | Resources (2)

Assigned | Bug | P3 | + Add Hotlist

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

📄 **DESCRIPTION** ro...@gmail.com created issue #1   Jun 10, 2023 03:40AM ⋮

AppSearch module used: appsearch-local-storage
AppSearch version used: 1.1.0-alpha03
Devices/Android versions reproduced on: Pixel 2 API 30

When you encountered this bug:
- Which steps did you take prior to the bug? Starting the app and initializing AppSearchSession
- What behavior did you expect? App initializes AppSearchSession
- What was the actual behavior? App crashes with Thread dump

2023-06-09 13:36:42.716 12797-12853 u.osu.osumobil   edu.osu.osumobile   A runtime.cc:663] JNI DETECTED ERROR IN APPLICATION: fid == null

runtime.cc:663]   in call to GetLongField
runtime.cc:663]   from byte[]
com.google.android.icing.IcingSearchEngineImpl.nativeInitialize(com.google.android.icing.IcingSearchEngineImpl)
2023-06-09 13:36:42.716 12797-12853 libc   edu.osu.osumobile   A Fatal signal 6 (SIGABRT), code -1 (SI_QUEUE)
in tid 12853 (pool-14-thread-), pid 12797 (u.osu.osumobile)

App crashes with isMinifyEnabled = true with following android SDK levels
androidSdkCompile = "34"
androidSdkTarget = "34"
androidSdkMin = "26"
androidBuildTools = "34.0.0"

Running this on a device with API level 30 (which uses local-storage instead of platform-storage) in release with minified turned on causes the error.

I was able to fix this bug by adding this to my Proguard (not an expert by any means) but I would like to know the official R8 rules for this library because this seems less than ideal
AppSearch
-keep class com.google.android.icing.* { *; }

✓ Links (1)   Hide all

🔗 **Links (1)**

"This change has been merged. See 🔗link ."   su...@ #3

COMMENTS   All comments ▼   ↓ Oldest first

⚪ **ro...@gmail.com** <ro...@gmail.com> #2   Jun 13, 2023 04:08AM ⋮

I am using androidGradlePlugin = "8.2.0-alpha07"

⚪ **su...@google.com** <su...@google.com> #3   Oct 21, 2023 07:47AM ⋮

Hi rotonda.41@gmail.com, sorry for the late reply.

We changed some JNI related items in September, and also fixed similar JNI issues by adding `-keep class com.google.android.icing.IcingSearchEngineImpl`.

- Although our Proguard change is a little bit from yours, we believe they both address the same issue.
- This change has been merged. See 🔗link.
- Please let us know if there is still any issue.

Thanks!

Reporter ⚪ ro...@gmail.com

Type Bug

Priority P3

Severity S2

Status Assigned

Access Default access   View

Expanded Access ⓘ

Assignee ⚪ ap...@google.com

Verifier --

Collaborators 👥 _____ ∧

CC 🔔 _____ ∧
ap...@google.com
ro...@gmail.com

AOSP ID --

Estimate --

Found In --

Targeted To --

Verified In --

In Prod ⚪

Show 1 additional field ⌄