📁 Android Public Tracker > App Development > Jetpack (androidx) > Jetpack Compose > UI Libraries > UI   295745063 ▾

← C ☆   Compose 1.6 A3 crash: java.lang.IllegalStateException: LayoutNode should be attached to an owner   +1 ³²   Hotlists (1)   Mark as Duplicate   🔔 ⋮

Comments (75)   **Dependencies**   **Duplicates (2)**   **Blocking (0)**   **Resources (50)**

In Progress   Bug   P2   + Add Hotlist

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

📄 **DESCRIPTION** to...@gmail.com created issue #1

Jetpack Compose version: 1.6 A3 Jetpack Compose component used: Many Android Studio Build: H C15 Kotlin version: 1.9.0

Currently out of home but since pushing a beta release with compose updated to 1.6 alpha3 (From alpha2 in prod) I'm getting a lot of crash report:

```
java.lang.IllegalStateException: replace() called on item that was not placed
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.replace(LayoutNodeLayoutDelegate.kt:1517)
    at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNode.kt:926)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded(MeasureAndLayoutDelegate.kt:471)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.forceMeasureTheSubtree(MeasureAndLayoutDelegate.kt:546)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.forceMeasureTheSubtree(MeasureAndLayoutDelegate.kt:554)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.forceMeasureTheSubtree(MeasureAndLayoutDelegate.kt:554)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.forceMeasureTheSubtree(MeasureAndLayoutDelegate.kt:554)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.forceMeasureTheSubtree(MeasureAndLayoutDelegate.kt:554)
    at androidx.compose.ui.platform.AndroidComposeView.forceMeasureTheSubtree(AndroidComposeView.android.kt:930)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.remeasure-BRTryo0(LayoutNodeLayoutDelegate.kt:1253)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.measure-BRTryo0(LayoutNodeLayoutDelegate.kt:1184)
    at androidx.compose.foundation.lazy.layout.LazyLayoutMeasureScopeImpl.measure-0kLqBqw(LazyLayoutMeasureScope.kt:123)
    at androidx.compose.foundation.lazy.LazyListMeasuredItemProvider.getAndMeasure(LazyListMeasuredItemProvider.kt:48)
    at androidx.compose.foundation.lazy.LazyListMeasureKt.measureLazyList-5OZNEM8(LazyListMeasure.kt:181)
    at androidx.compose.foundation.lazy.LazyListKt$rememberLazyListMeasurePolicy$1$1.invoke-0kLqBqw(LazyList.kt:322)
    at androidx.compose.foundation.lazy.LazyListKt$rememberLazyListMeasurePolicy$1$1.invoke(LazyList.kt:187)
    at androidx.compose.foundation.lazy.layout.LazyLayoutKt$LazyLayout$3$2$1.invoke-0kLqBqw(LazyLayout.kt:103)
    at androidx.compose.foundation.lazy.layout.LazyLayoutKt$LazyLayout$3$2$1.invoke(LazyLayout.kt:96)
    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePolicy$1.measure-3p2s80s(SubcomposeLayout.kt:644)
    at androidx.compose.ui.node.InnerNodeCoordinator$LookaheadDelegateImpl.measure-BRTryo0(InnerNodeCoordinator.kt:81)
    at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2.invoke-3p2s80s(AndroidOverscroll.kt:583)
    at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2.invoke(AndroidOverscroll.kt:582)
    at androidx.compose.ui.layout.LayoutModifierImpl.measure-3p2s80s(LayoutModifier.kt:291)
    at androidx.compose.ui.node.LayoutModifierNodeCoordinator$LookaheadDelegateForLayoutModifierNode.measure-BRTryo0(LayoutModifierNodeCoordinator.kt:64)
    at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1.invoke-3p2s80s(AndroidOverscroll.kt:567)
    at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1.invoke(AndroidOverscroll.kt:566)
    at androidx.compose.ui.layout.LayoutModifierImpl.measure-3p2s80s(LayoutModifier.kt:291)
    at androidx.compose.ui.node.LayoutModifierNodeCoordinator$LookaheadDelegateForLayoutModifierNode.measure-BRTryo0(LayoutModifierNodeCoordinator.kt:64)
    at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier.measure-3p2s80s(GraphicsLayerModifier.kt:646)
    at androidx.compose.ui.node.LayoutModifierNodeCoordinator$LookaheadDelegateForLayoutModifierNode.measure-BRTryo0(LayoutModifierNodeCoordinator.kt:64)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure$1.invoke(LayoutNodeLayoutDelegate.kt:1577)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure$1.invoke(LayoutNodeLayoutDelegate.kt:1576)
    at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
2023-08-14 12:17:40.300 6776-6900/app.symfonik.music.player.debug E/Crash:        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.o
    at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:230)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotReads$ui_release(OwnerSnapshotObserver.kt:111)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotReads$ui_release$default(OwnerSnapshotObserver.kt:105)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate.performLookaheadMeasure-BRTryo0(LayoutNodeLayoutDelegate.kt:1576)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate.access$performLookaheadMeasure-BRTryo0(LayoutNodeLayoutDelegate.kt:35)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.remeasure-BRTryo0(LayoutNodeLayoutDelegate.kt:1243)
    at androidx.compose.ui.node.LayoutNode.lookaheadRemeasure-_Sx5X1M$ui_release(LayoutNode.kt:1129)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.doLookaheadRemeasure-sdFAvZA(MeasureAndLayoutDelegate.kt:309)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout-0kLqBqw(MeasureAndLayoutDelegate.kt:396)
    at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout-0kLqBqw(AndroidComposeView.android.kt:919)
    at androidx.compose.ui.node.LayoutNode.forceRemeasure(LayoutNode.kt:1221)
    at androidx.compose.foundation.lazy.LazyListState.snapToItemIndexInternal$foundation_release(LazyListState.kt:271)
    at androidx.compose.foundation.lazy.LazyListState$scrollToItem$2.invokeSuspend(LazyListState.kt:263)
    at androidx.compose.foundation.lazy.LazyListState$scrollToItem$2.invoke(Unknown Source:8)
    at androidx.compose.foundation.lazy.LazyListState$scrollToItem$2.invoke(Unknown Source:4)
    at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.invokeSuspend(ScrollableState.kt:181)
    at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.invoke(Unknown Source:8)
    at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.invoke(Unknown Source:4)
    at androidx.compose.foundation.MutatorMutex$mutateWith$2.invokeSuspend(MutatorMutex.kt:173)
    at androidx.compose.foundation.MutatorMutex$mutateWith$2.invoke(Unknown Source:8)
    at androidx.compose.foundation.MutatorMutex$mutateWith$2.invoke(Unknown Source:4)
    at kotlinx.coroutines.intrinsics.UndispatchedKt.startUndispatchedOrReturn(Undispatched.kt:78)
    at kotlinx.coroutines.CoroutineScopeKt.coroutineScope(CoroutineScope.kt:264)
```

```
                    at androidx.compose.foundation.MutatorMutex.mutateWith(MutatorMutex.kt:166)
                    at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2.invokeSuspend(ScrollableState.kt:178)
                    at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2.invoke(Unknown Source:8)
                    at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2.invoke(Unknown Source:4)
                    at kotlinx.coroutines.intrinsics.UndispatchedKt.startUndispatchedOrReturn(Undispatched.kt:78)
                    at kotlinx.coroutines.CoroutineScopeKt.coroutineScope(CoroutineScope.kt:264)
                    at androidx.compose.foundation.gestures.DefaultScrollableState.scroll(ScrollableState.kt:177)
                    at androidx.compose.foundation.lazy.LazyListState.scroll(LazyListState.kt:287)
                    at androidx.compose.foundation.gestures.ScrollableState.scroll$default(ScrollableState.kt:53)
                    at androidx.compose.foundation.lazy.LazyListState.scrollToItem(LazyListState.kt:262)
                    at app.symfonik.core.ui.common.lazylist.LazyColumnScrollbarKt$LazyColumnScrollbar$setScrollOffset$1.invokeSuspend(LazyColumnScrollbar.kt:166)
                    at kotlin.coroutines.jvm.internal.BaseContinuationImpl.resumeWith(ContinuationImpl.kt:33)
                    at kotlinx.coroutines.internal.ScopeCoroutine.afterResume(Scopes.kt:32)
                    at kotlinx.coroutines.AbstractCoroutine.resumeWith(AbstractCoroutine.kt:102)
                    at kotlin.coroutines.jvm.internal.BaseContinuationImpl.resumeWith(ContinuationImpl.kt:46)
  2023-08-14 12:17:40.301 6776-6900/app.symfonik.music.player.debug E/Crash:    at kotlinx.coroutines.internal.ScopeCoroutine.afterResume(Scopes.kt:32)
                    at kotlinx.coroutines.AbstractCoroutine.resumeWith(AbstractCoroutine.kt:102)
                    at kotlin.coroutines.jvm.internal.BaseContinuationImpl.resumeWith(ContinuationImpl.kt:46)
                    at kotlinx.coroutines.DispatchedTask.run(DispatchedTask.kt:108)
                    at androidx.compose.ui.platform.AndroidUiDispatcher.performTrampolineDispatch(AndroidUiDispatcher.android.kt:81)
                    at androidx.compose.ui.platform.AndroidUiDispatcher.access$performTrampolineDispatch(AndroidUiDispatcher.android.kt:41)
                    at androidx.compose.ui.platform.AndroidUiDispatcher$dispatchCallback$1.run(AndroidUiDispatcher.android.kt:57)
                    at android.os.Handler.handleCallback(Handler.java:942)
                    at android.os.Handler.dispatchMessage(Handler.java:99)
                    at android.os.Looper.loopOnce(Looper.java:201)
                    at android.os.Looper.loop(Looper.java:288)
                    at android.app.ActivityThread.main(ActivityThread.java:7918)
                    at java.lang.reflect.Method.invoke(Native Method)
                    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:548)
                    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
                    Suppressed: kotlinx.coroutines.internal.DiagnosticCoroutineContextException: [androidx.compose.ui.platform.MotionDurationScaleImpl@96324a0, androidx.
```

✓ Mentioned issues (20)   ✓ Links (10)

🐞 **Mentioned issues (20)**

-- --   "Andrey, could you verify if this is the same root cause as b/294073813 ?"

P2   Compose 1.6 screen refresh for no reason "https://issuetracker.google.com/297231233"

P1   Crash when using Modifier.animateBounds without a LookAheadScope "If two crashes have the same error message it doesn't mean it is the same issue. Most of other "LayoutNode should be

P4   Compose loose all scrolling velocity on one device "https://issuetracker.google.com/269487059"

P1   LazyColumn memory leak "https://issuetracker.google.com/230168389"

See all mentioned issues

🔗 **Links (10)**

"Doris, thanks for your repro. What I see is that this tests is not crashing anymore after the cl you merged yesterday - https://android-review.googlesource.com/2720356"

"And for even more fun a new case. (Still with 10707888) (Edit: For completeness I've just tried 10736521 that have https://github.com/androidx/androidx/commit/1a1b0f4f6505ad880bb1abf4ed108

"The scroll during select is done via (Mostly like https://medium.com/androiddevelopers/create-a-photo-grid-with-multiselect-behavior-using-jetpack-compose-9a8d588a9b63):"

"https://gist.github.com/Josuhu/eb8d993625be6a924c7c… "

"https://android-review.googlesource.com/2776191"

See all related links

COMMENTS

ro...@gmail.com <ro...@gmail.com> #2

I'm getting the same error today

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

Reassigned to an...@google.com.

Any chance you could provide a way to repro this crash?

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

Andrey, could you verify if this is the same root cause as b/294073813?

BTW, the question in #3 was meant for folks who made comment #1 and comment #2

ro...@gmail.com <ro...@gmail.com> #5

to...@gmail.com <to...@gmail.com> #6

I have a way to repro inside my app but not yet fully back to try to extract something I can share.

I just quickly tested latest SNAPSHOT (10683443) and now the error is different and requires a lot more scrolls to trigger.

```
                                                                                    java.lang.IllegalStateException: LayoutNode should be attached to an owner
                                                                                       at androidx.compose.ui.node.LayoutNodeKt.requireOwner(LayoutNode.kt:1458)
                                                                                       at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                                                       at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                                                       at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                                                       at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                                                       at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                                                       at androidx.compose.foundation.lazy.LazyListMeasuredItem.place(LazyListMeasu
                                                                                       at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$8.invo
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                                                                                       at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                                                       at androidx.compose.foundation.lazy.LazyListMeasureResult.placeChildren(Unkn
                                                                                       at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePo
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                                                                                       at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$lay
                                                                                       at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt
                                                                                       at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
                                                                                       at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(Sna
                                                                                       at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
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                                                                                       at androidx.compose.ui.layout.Placeable$PlacementScope.place(Placeable.kt:46
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 14:54:13.754 AndroidRuntime           app.symfonik.music.player.debug        E     at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
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                                                                                       at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
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                                                                                       at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
                                                                                       at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnaps
                                                                                       at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                                                       at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.rep
                                                                                       at androidx.compose.ui.node.LayoutNode.replace$ui_release(LayoutNode.kt:917)
                                                                                       at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout-0kLqBq
                                                                                       at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout-0kLqBqw(
                                                                                       at androidx.compose.ui.node.LayoutNode.forceRemeasure(LayoutNode.kt:1221)
                                                                                       at androidx.compose.foundation.lazy.LazyListState.snapToItemIndexInternal$fo
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                                                                                       at androidx.compose.foundation.lazy.LazyListState$scrollToItem$2.invoke(Unkn
                                                                                       at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.in
                                                                                       at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.in
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                                                                                       at androidx.compose.foundation.MutatorMutex$mutateWith$2.invokeSuspend(Mutat
                                                                                       at androidx.compose.foundation.MutatorMutex$mutateWith$2.invoke(Unknown Sour
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                                                              at androidx. compose. foundation. MutatorMutex$mutateWith$2. invoke(Unknown Sour
                                                              at kotlinx. coroutines. intrinsics. UndispatchedKt. startUndispatchedOrReturn(Un
                                                              at kotlinx. coroutines. CoroutineScopeKt. coroutineScope(CoroutineScope. kt:264)
                                                              at androidx. compose. foundation. MutatorMutex. mutateWith(MutatorMutex. kt:166)
                                                              at androidx. compose. foundation. gestures. DefaultScrollableState$scroll$2. inv
                                                              at androidx. compose. foundation. gestures. DefaultScrollableState$scroll$2. inv
                                                              at androidx. compose. foundation. gestures. DefaultScrollableState$scroll$2. inv
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   14:54:13. 755 AndroidRuntime          app. symfonik. music. player. debug      E   at androidx. compose. foundation. gestures. DefaultScrollableState. scroll(Scroll
                                                              at androidx. compose. foundation. lazy. LazyListState. scroll(LazyListState. kt:28
                                                              at androidx. compose. foundation. gestures. ScrollableState. scroll$default(Scrol
                                                              at androidx. compose. foundation. lazy. LazyListState. scrollToItem(LazyListState
                                                              at app. symfonik. core. ui. common. lazylist. LazyColumnScrollbarKt$LazyColumnScro
                                                              at kotlin. coroutines. jvm. internal. BaseContinuationImpl. resumeWith(Continuati
                                                              at kotlinx. coroutines. DispatchedTask. run(DispatchedTask. kt:108)
                                                              at androidx. compose. ui. platform. AndroidUiDispatcher. performTrampolineDispatc
                                                              at androidx. compose. ui. platform. AndroidUiDispatcher. access$performTrampoline
                                                              at androidx. compose. ui. platform. AndroidUiDispatcher$dispatchCallback$1. doFra
                                                              at android. view. Choreographer$CallbackRecord. run(Choreographer. java:1229)
                                                              at android. view. Choreographer$CallbackRecord. run(Choreographer. java:1239)
                                                              at android. view. Choreographer. doCallbacks(Choreographer. java:899)
                                                              at android. view. Choreographer. doFrame(Choreographer. java:827)
                                                              at android. view. Choreographer$FrameDisplayEventReceiver. run(Choreographer. ja
                                                              at android. os. Handler. handleCallback(Handler. java:942)
                                                              at android. os. Handler. dispatchMessage(Handler. java:99)
                                                              at android. os. Looper. loopOnce(Looper. java:201)
                                                              at android. os. Looper. loop(Looper. java:288)
                                                              at android. app. ActivityThread. main(ActivityThread. java:7918)
                                                              at java. lang. reflect. Method. invoke(Native Method)
                                                              at com. android. internal. os. RuntimeInit$MethodAndArgsCaller. run(RuntimeInit. j
                                                              at com. android. internal. os. ZygoteInit. main(ZygoteInit. java:936)
                                                              Suppressed: kotlinx. coroutines. internal. DiagnosticCoroutineContextException:
```

And for my case, this is an 1.6 A3 issue, reverting to 1.6 A2 (And M3 to 1.2 A4) does fix this at 100%

ti...@google.com <ti...@google.com> #7

> I just quickly tested latest SNAPSHOT (10683443) and now the error is different and requires a lot more scrolls to trigger.

Thanks for verifying. The snapshot above contains our fix for placement that affected lookahead. Given that the issue is a lot more difficult to trigger, it's likely the result of the fix. The new st

Andrey, could you take a look at the stacktrace in comment #6? Is it a known issue?

an...@google.com <an...@google.com> #8

The original stacktrace which has "forceMeasureTheSubtree" in it is the one fixed by aosp/2698053 which should be a part of the next alpha. However the new one "LayoutNode should be at

to...@gmail.com <to...@gmail.com> #9

Since it will still crash in A4 for my app, I'm reverting to A2 and a little out of delay so lack time this week to try to extract a repro that will probably be complicated as only crashing in a specif

I can still add some logs / test things if you have idea to gain time on this. (Like what I could remove from that screen to pinpoint,...)

an...@google.com <an...@google.com> #10

First please try to test if it is related to lookahead. If you remove a LookaheadScope will it still crash? Then "LayoutNode should be attached to an owner" naturally can mean trying to scroll a

to...@gmail.com <to...@gmail.com> #11

I do not on purpose use LookaheadScope anywhere in my code yet. Waiting for an official shared transition stuff for that.

I do not think it's possible for the scrollbar to outlive the lazylist and there's no way to trigger a crash in 1.6 A2 or before. Is there a way to detect this on the scrolling call side so that I can pre

an...@google.com <an...@google.com> #12

I don't yet understand what exactly is happening here so I don't know how to detect or workaround it. I am also not sure how to figure out what is the issue here without being able to reprodu

to...@gmail.com <to...@gmail.com> #13

Well I'll see what I can do on my side but it's still an A3/A4 regression.

Compose internal debugging is quite hard for random guys like me :p

to...@gmail.com <to...@gmail.com> #14

So did a stupid random test with a try/catch over the scroll calls.

This leads to another crash maybe it have info in it?

```
Exception dispatching input event.
20:31:21.384 MessageQueue-JNI          app.symfonik.music.player.debug    E  Exception in MessageQueue callback: handleReceiveCallback
20:31:21.386 MessageQueue-JNI          app.symfonik.music.player.debug    E  java.lang.IllegalStateException: visitLocalDescendants called on an unattache
                                                                              at androidx.compose.ui.node.NodeCoordinator.shouldSharePointerInputWithSibli
                                                                              at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerN
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                                          at android.app.Activity.dispatchTouchEvent(Activity.java:4299)
                                          at com.android.internal.policy.DecorView.dispatchTouchEvent(DecorView.java:4
                                          at android.view.View.dispatchPointerEvent(View.java:15309)
                                          at android.view.ViewRootImpl$ViewPostImeInputStage.processPointerEvent(ViewR
                                          at android.view.ViewRootImpl$ViewPostImeInputStage.onProcess(ViewRootImpl.ja
                                          at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:6034)
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                                          at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:6057)
                                          at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:6222)
                                          at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:6065)
                                          at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:6279)
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                                          at android.view.ViewRootImpl.deliverInputEvent(ViewRootImpl.java:9206)
                                          at android.view.ViewRootImpl.doProcessInputEvents(ViewRootImpl.java:9157)
                                          at android.view.ViewRootImpl.enqueueInputEvent(ViewRootImpl.java:9126)
                                          at android.view.ViewRootImpl$WindowInputEventReceiver.onInputEvent(ViewRootI
                                          at android.view.InputEventReceiver.dispatchInputEvent(InputEventReceiver.jav
                                          at android.os.MessageQueue.nativePollOnce(Native Method)
                                          at android.os.MessageQueue.next(MessageQueue.java:335)
                                          at android.os.Looper.loopOnce(Looper.java:161)
                                          at android.os.Looper.loop(Looper.java:288)
                                          at android.app.ActivityThread.main(ActivityThread.java:7918)
                                          at java.lang.reflect.Method.invoke(Native Method)
                                          at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                          at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

Seems to occur when I fast scroll and let press and move over the navigation bar (gesture mode on pixel), but relatively rare.

an...@google.com <an...@google.com> #15

Is an item inside this scrollable list some instance of SubcomposeLayout as well? For example LazyRow inside a LazyColumn, or maybe BoxWithConstraints. If yes, can you reproduce it whe

to...@gmail.com <to...@gmail.com> #16

No I've removed everything and there's nothing inside the LazyList that is Subcompose.

Only the scrollbar that is outside is a `BoxWithConstraints`

I can even reproduce the last crash with `Box (modifier = Modifier.size(80.dp).fillMaxWidth())` as the items.

The only difference I can spot in that screen from the others is that I use:

```
itemsIndexed(items = playlistEntriesItems, key = { _, item -> item.id }) { index, item ->
```

And in the other screen that I can't make crash it's all

```
items(
            count = lazyPagingItems.itemCount,
            key = lazyPagingItems.itemKey { it.id },
            contentType = lazyPagingItems.itemContentType(),
        ) { index ->
```

Can't test more for now, will see if I can extract something end of week or early next week if you have no more ideas :(

ti...@google.com <ti...@google.com> #17

I was able to repro the crash `java.lang.IllegalStateException: LayoutNode should be attached to an owner` with the following test:

```
@Test
fun forceMeasureLookaheadRootInParentsMeasurePass() {
    var size by mutableStateOf(200f)
    rule.setContent {
        // Mutate this state in measure
        var show by remember { mutableStateOf(true) }
        Box(Modifier.fillMaxSize()) {
            LazyColumn(Modifier.layout { measurable, _ ->
                // Mutate this state in measure. This state will later be used in descendant's
                // composition.
                show = size > 300
                measurable.measure(Constraints.fixed(size.toInt(), size.toInt())).run {
                    layout(width, height) { place(0, 0) }
                }
            }) {
                item {
                    SubcomposeLayout(Modifier.fillMaxSize()) {
                        val placeable = subcompose(Unit) {
                            // read the value to force a recomposition
                            Box(
                                Modifier.requiredSize(222.dp)
                            ) {
                                AnimatedContent(show, Modifier.requiredSize(200.dp)) {
                                    if (it) {
                                        Row(Modifier.fillMaxSize()) {}
                                    } else {
                                        Row(
                                            Modifier.size(10.dp)
                                        ) {}
                                    }
                                }
                            }
                            // Measure with the same constraints to ensure the child (i.e. Box)
                            // gets no constraints change and hence starts forceMeasureSubtree
                            // from there
                        }[0].measure(Constraints(0, 2000, 0, 2000))
                        layout(700, 800) {
                            placeable.place(0, 0)
                        }
                    }
                }
            }
        }
    }
    rule.runOnIdle { size = 600f - size }
    rule.runOnIdle { size = 600f - size }
}
```

---

an...@google.com <an...@google.com> #18

Doris, thanks for your repro. What I see is that this tests is not crashing anymore after the cl you merged yesterday - https://android-review.googlesource.com/2720356

Tolriq, could you please re-test with the latest SNAPSHOT? Do you have `AnimatedContent` somewhere on this screen? It introduces a LookaheadScope under the hood

---

to...@gmail.com <to...@gmail.com> #19

I had some `AnimatedVisibility` but no more in the test with no actual content.

I've made some more tests to try to figure out why it was only happening on some screen and not others that looked similar and found the difference.

The crashing screens are `LazyColumn` surrounded by attached `LazyColumnScrollbar`

The working screens are `LazyVerticalGrid` surrounded by attached `LazyGridScrollbar`

I can't spot the difference between those 2 files that could trigger such issue, but I've migrated all to LazyGrid as it was an oversight and reduced duplicated code and there's no more crashes

The LazyColumnScrollbar triggered the #6 crash when untouched (so as attached), and then the #14 when I try catch the 2 scroll calls in it.

📎 **LazyColumnScrollbar.kt**
9.1 KB Download

📎 **LazyGridScrollbar.kt**
8.8 KB Download

---

to...@gmail.com <to...@gmail.com> #20

And sorry but since triage in Compose is always random, just found a new high performance impact issue https://issuetracker.google.com/issues/297231233 that I'd love to see triaged.

to...@gmail.com <to...@gmail.com> #21

After more debugging of https://issuetracker.google.com/issues/297231233 this maye be tied to the change to AnimatedVisibility to use LookAhead that impact the rememberVectorDrawab

Doris maybe you can have a look as it's maybe not an issue for Nader after all.

---

an...@google.com <an...@google.com> #22

Unfortunately I can't reproduce it on the latest main. What I tried is some combinations similar to

```
        val state = rememberLazyListState()
        LazyColumnScrollbar(state, content = {
            LazyColumn(state = state, modifier = Modifier.fillMaxSize()) {
                items(1000) {
                    AnimatedVisibility(true) {
                        Text("Item $it", Modifier.padding(30.dp))
                    }
                }
            }
        })
```

Are you sure this issue is still reproducible with the latest snapshot?

---

to...@gmail.com <to...@gmail.com> #23

I'll need to triple check but yes.

To repro you need to drag the scrollbar drag handle fast and moving over the system nav bar (gesture or not) can require a few tries.

---

to...@gmail.com <to...@gmail.com> #24

So took 20 minutes thanks to ultra slow snapshot server :(

Just tested again with 10716698 and it's still present (And still no issue on the similar screens with LazyXXGrid)

I've attached a video with touches visible.

```
java.lang.IllegalStateException: LayoutNode should be attached to an owner
                                                        at androidx.compose.ui.node.LayoutNodeKt.requireOwner(LayoutNode.kt:1458)
                                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                        at androidx.compose.foundation.lazy.LazyListMeasuredItem.place(LazyListMeasu
                                                        at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$8.invc
                                                        at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$8.invc
                                                        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                        at androidx.compose.foundation.lazy.LazyListMeasureResult.placeChildren(Unkn
                                                        at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePc
                                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$lay
                                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$lay
                                                        at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt
                                                        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
                                                        at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(Sna
                                                        at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
                                                        at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads
                                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.lay
                                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.onN
                                                        at androidx.compose.ui.node.InnerNodeCoordinator.placeAt-f8xVGno(InnerNodeCc
                                                        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                        at androidx.compose.ui.layout.Placeable$PlacementScope.place(Placeable.kt:46
                                                        at androidx.compose.ui.layout.Placeable$PlacementScope.place$default(Placeab
                                                        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(La
                                                        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placea
                                                        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$defaul
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                                                        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(La
 17:33:24.849 Crash                     app.symfonik.music.player.debug        E   at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placea
```

```
                                                              at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$defaul
                                                              at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke
                                                              at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke
                                                              at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                              at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(La
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                                                              at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
                                                              at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(Sna
                                                              at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
                                                              at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnaps
                                                              at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                              at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.rep
                                                              at androidx.compose.ui.node.LayoutNode.replace$ui_release(LayoutNode.kt:917)
                                                              at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout-OkLqBq
                                                              at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout-OkLqBqw(
                                                              at androidx.compose.ui.node.LayoutNode.forceRemeasure(LayoutNode.kt:1221)
                                                              at androidx.compose.foundation.lazy.LazyListState.snapToItemIndexInternal$fo
                                                              at androidx.compose.foundation.lazy.LazyListState$scrollToItem$2.invokeSuspe
                                                              at androidx.compose.foundation.lazy.LazyListState$scrollToItem$2.invoke(Unkn
                                                              at androidx.compose.foundation.lazy.LazyListState$scrollToItem$2.invoke(Unkn
                                                              at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.in
                                                              at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.in
                                                              at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2$1.in
                                                              at androidx.compose.foundation.MutatorMutex$mutateWith$2.invokeSuspend(Mutat
                                                              at androidx.compose.foundation.MutatorMutex$mutateWith$2.invoke(Unknown Sour
                                                              at androidx.compose.foundation.MutatorMutex$mutateWith$2.invoke(Unknown Sour
                                                              at kotlinx.coroutines.intrinsics.UndispatchedKt.startUndispatchedOrReturn(Un
                                                              at kotlinx.coroutines.CoroutineScopeKt.coroutineScope(CoroutineScope.kt:264)
                                                              at androidx.compose.foundation.MutatorMutex.mutateWith(MutatorMutex.kt:166)
                                                              at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2.invo
                                                              at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2.invo
                                                              at androidx.compose.foundation.gestures.DefaultScrollableState$scroll$2.invo
                                                              at kotlinx.coroutines.intrinsics.UndispatchedKt.startUndispatchedOrReturn(Un
                                                              at kotlinx.coroutines.CoroutineScopeKt.coroutineScope(CoroutineScope.kt:264)
17:33:24.851 Crash               app.symfonik.music.player.debug        E  at androidx.compose.foundation.gestures.DefaultScrollableState.scroll(Scroll
                                                              at androidx.compose.foundation.lazy.LazyListState.scroll(LazyListState.kt:28
                                                              at androidx.compose.foundation.gestures.ScrollableState.scroll$default(Scrol
                                                              at androidx.compose.foundation.lazy.LazyListState.scrollToItem(LazyListState
                                                              at app.symfonik.core.ui.common.lazylist.LazyColumnScrollbarKt$LazyColumnScro
                                                              at kotlin.coroutines.jvm.internal.BaseContinuationImpl.resumeWith(Continuati
                                                              at kotlinx.coroutines.DispatchedTask.run(DispatchedTask.kt:108)
                                                              at androidx.compose.ui.platform.AndroidUiDispatcher.performTrampolineDispatc
                                                              at androidx.compose.ui.platform.AndroidUiDispatcher.access$performTrampoline
                                                              at androidx.compose.ui.platform.AndroidUiDispatcher$dispatchCallback$1.doFra
                                                              at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1229)
                                                              at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
                                                              at android.view.Choreographer.doCallbacks(Choreographer.java:899)
                                                              at android.view.Choreographer.doFrame(Choreographer.java:827)
                                                              at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.ja
                                                              at android.os.Handler.handleCallback(Handler.java:942)
                                                              at android.os.Handler.dispatchMessage(Handler.java:99)
                                                              at android.os.Looper.loopOnce(Looper.java:201)
                                                              at android.os.Looper.loop(Looper.java:288)
                                                              at android.app.ActivityThread.main(ActivityThread.java:7918)
                                                              at java.lang.reflect.Method.invoke(Native Method)
                                                              at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                                              at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

And still the same side effect, If I catch the 2 scroll calls, then the crash becomes #12.

📎 **Screen_recording_20230825_173549.mp4**
1.3 MB Download

to...@gmail.com <to...@gmail.com> #25

Adding a note that it occurs with different kind of content one of the simpler would be:

```
LazyColumnScrollbar(
        lazyListState,
        modifier = Modifier
            .statusBarsPadding(),
        thickness = 8.dp,
        thumbColor = MaterialTheme.colorScheme.primary,
        thumbSelectedColor = MaterialTheme.colorScheme.primary.darken(1.15f),
```

```
scrollListener = {
    topButtonBarState.onManualScrollDirection(direction = it)
},
content = {
    LazyColumn(
        state = lazyListState,
    ) {
        item {
            MediumTopAppBar(
                title = {
                    Row(verticalAlignment = CenterVertically) {
                        Icon(imageVector = SymfoniumIcons.Rounded.Folder, contentDescription = null, modifier = Modifier.padding(horizontal =
                        Text(
                            viewModel.getCurrentFolderName(),
                            modifier = Modifier.padding(horizontal = 8.dp),
                            style = MaterialTheme.typography.titleMedium,
                            overflow = TextOverflow.Ellipsis,
                            maxLines = 1,
                        )
                    }
                },
                navigationIcon = {
                    Icon(
                        imageVector = SymfoniumIcons.Rounded.ArrowBack,
                        contentDescription = null,
                        modifier = Modifier
                            .clickable {
                                navigator.goBack()
                            }
                            .padding(horizontal = 8.dp),
                    )
                },
                windowInsets = WindowInsets(0, 0, 0, 0),
                modifier = Modifier
                    .statusBarsPadding()
                    .padding(horizontal = 8.dp),
                colors = TopAppBarDefaults.mediumTopAppBarColors(containerColor = Color.Transparent),
            )
            HorizontalDivider(modifier = Modifier.padding(horizontal = 16.dp), color = MaterialTheme.colorScheme.onSurfaceVariant.copy(alpha =
            Spacer(modifier = Modifier.height(8.dp))
        }
        item {
            AnimatedVisibility(
                visible = searchBarVisible,
                modifier = Modifier.fillMaxWidth(),
                enter = fadeIn() + expandIn(expandFrom = Alignment.BottomCenter),
                exit = fadeOut() + shrinkOut(shrinkTowards = Alignment.BottomCenter),
            ) {
                SearchBar(
                    query = state.query,
                    onQueryChange = {
                        state.query = it
                        viewModel.updateTextFilter(it.text)
                    },
                    onSearchFocusChange = {
                        state.focused = it
                    },
                    onClearQuery = {
                        state.query = TextFieldValue("")
                        viewModel.updateTextFilter("")
                    },
                    searching = state.searching,
                    focused = state.focused,
                    hint = stringResource(id = R.string.filter),
                    modifier = Modifier
                        .fillMaxWidth()
                        .padding(horizontal = 16.dp),
                )
            }
        }
        item {
            val sort by viewModel.sortOrder.collectAsStateBlocking()
            Row(
                modifier = Modifier
                    .height(48.dp)
                    .fillMaxWidth(),
            ) {
                Row(
                    modifier = Modifier
                        .fillMaxHeight()
```

```kotlin
                            .clickable {
                                bottomSheetNavigator.show(SortConfigurationBottomSheetDestination(DynamicPreferenceRepository.TYPE_SORT_FILES))
                            }
                            .padding(horizontal = 16.dp),
                    ) {
                        Text(
                            viewModel.dynamicPreferenceRepository.getLabelForSortType(abs(sort), LocalContext.current),
                            modifier = Modifier
                                .padding(end = 4.dp)
                                .align(CenterVertically),
                            color = lowEmphasisColor,
                        )
                        Icon(
                            imageVector = if (sort > 0) SymfoniumIcons.Rounded.ArrowDownward else SymfoniumIcons.Rounded.ArrowUpward,
                            contentDescription = null,
                            modifier = Modifier
                                .size(20.dp)
                                .align(CenterVertically),
                            tint = lowEmphasisColor,
                        )
                    }
                    Spacer(modifier = Modifier.weight(1f, fill = true))
                    Icon(
                        imageVector = if (searchBarVisible) SymfoniumIcons.Rounded.SearchOff else SymfoniumIcons.Rounded.Search,
                        contentDescription = null,
                        modifier = Modifier
                            .padding(end = 24.dp)
                            .clip(RoundedCornerShape(8.dp))
                            .clickable {
                                state.query = TextFieldValue("")
                                viewModel.updateTextFilter("")
                                searchBarVisible = !searchBarVisible
                            }
                            .padding(4.dp)
                            .align(CenterVertically),
                        tint = lowEmphasisColor,
                    )
                }
            }
            val files = sources
            if (files == null) {
                item {
                    Card(
                        modifier = Modifier
                            .fillMaxWidth()
                            .padding(horizontal = 16.dp, vertical = 4.dp),
                    ) {
                        Row {
                            CircularProgressIndicator(
                                modifier = Modifier
                                    .padding(start = 8.dp)
                                    .size(16.dp)
                                    .align(CenterVertically),
                                strokeWidth = 2.dp,
                            )
                            Text(stringResource(id = R.string.loading), modifier = Modifier.padding(16.dp))
                        }
                    }
                }
            } else if (files.isNotEmpty()) {
                itemsIndexed(files) { index: Int, mediaItem: MediaItem ->
                    FileListEntry(mediaItem, onMenuClick = {
                        bottomSheetNavigator.show(FileActionBottomSheetDestination(mediaItem, false))
                    }) {
                        if (mediaItem.isFile) {
                            viewModel.play(index)
                        } else {
                            navigator.navigateTo(FileListDestination(mediaItem))
                        }
                    }
                }
            } else {
                item {
                    Card(
                        modifier = Modifier
                            .fillMaxWidth()
                            .padding(horizontal = 16.dp, vertical = 4.dp),
                    ) {
                        Text(stringResource(id = R.string.files_folder_empty), modifier = Modifier.padding(16.dp))
                    }
```

```
                    }
                }
                item {
                    Spacer(modifier = Modifier.navigationBarsPadding())
                }
            }
        },
    )
```

Maybe to reproduce as in the app it requires the `LazyColumnScrollbar` to not be full screen and have a fake box below to simulate the app navbar.

But at least unlike the other linked issue I have a workaround so maybe it's just a really nasty bug in the LazyColumnScrollbar code. (Even if I can't really figure out how it's different from the G

---

to...@gmail.com <to...@gmail.com> #26

Ok so today for an unknown reason my phone became ultra slow with debug compose app and it allowed me to find another completely different way to trigger the same kind of crash. (See s

This is with snapshot 10707888

It requires the app to be really slow to trigger but using this as the wrapper for the LazyGrid

```
    val rendererState by playbackController.rendererState.collectAsState()
    val isActiveState by remember { derivedStateOf { rendererState.isActive && rendererState.currentMediaItem.source.mediaType != MediaType.Invalid } }
    val peekHeight by remember(paddingValues) {
        derivedStateOf { if (isActiveState) COMPACT_PLAYER_HEIGHT else NO_PLAYER_HEIGHT) }
    }

    BottomSheetScaffold(
        scaffoldState = bottomSheetScaffoldState,
        sheetElevation = 0.dp,
        sheetShape = RectangleShape,
        sheetContent = {
            //
        },
        sheetPeekHeight = peekHeight,
    ) { innerPadding ->
        content(innerPadding)
    }
```

then scroll the lazy grid **while changing** the state to toggle the change of value of the peekHeight and bam crash. Changing the peek height does trigger a change of the innerpadding so a rec

```
Process: app.symfonik.music.player.debug, PID: 24826
                                                               java.lang.IllegalStateException: LayoutNode should be attached to an owner
                                                               at androidx.compose.ui.node.LayoutNodeKt.requireOwner(LayoutNode.kt:1458)
                                                               at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                               at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                               at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                               at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                               at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                               at androidx.compose.foundation.lazy.grid.LazyGridMeasuredItem.place(LazyGrid
                                                               at androidx.compose.foundation.lazy.grid.LazyGridMeasureKt$measureLazyGrid$6
                                                               at androidx.compose.foundation.lazy.grid.LazyGridMeasureKt$measureLazyGrid$6
                                                               at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                               at androidx.compose.foundation.lazy.grid.LazyGridMeasureResult.placeChildren
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                                                               at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$lay
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                                                               at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placea
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                                                               at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                               at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                               at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(La
```

```
10:39:49.938 AndroidRuntime          app.symfonik.music.player.debug    E    at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                                             at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placea
                                                                             at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$defaul
                                                                             at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke
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                                                                             at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50$default
                                                                             at androidx.compose.foundation.layout.BoxKt.placeInBox(Box.kt:185)
                                                                             at androidx.compose.foundation.layout.BoxKt.access$placeInBox(Box.kt:1)
                                                                             at androidx.compose.foundation.layout.BoxKt$boxMeasurePolicy$1$5.invoke(Box.
                                                                             at androidx.compose.foundation.layout.BoxKt$boxMeasurePolicy$1$5.invoke(Box.
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10:39:49.942 AndroidRuntime          app.symfonik.music.player.debug    E    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$pla
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                                                                             at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                                             at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(Measur
                                                                             at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout(AndroidC
                                                                             at androidx.compose.ui.node.Owner.measureAndLayout$default(Owner.kt:229)
                                                                             at androidx.compose.ui.platform.AndroidComposeView.dispatchDraw(AndroidCompo
                                                                             at android.view.View.draw(View.java:23269)
                                                                             at android.view.View.updateDisplayListIfDirty(View.java:22133)
                                                                             at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                                             at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                                             at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                                             at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                                             at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                                             at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                                             at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                                             at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                                             at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                                             at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                                             at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                                             at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                                             at android.view.ThreadedRenderer.updateViewTreeDisplayList(ThreadedRenderer.
                                                                             at android.view.ThreadedRenderer.updateRootDisplayList(ThreadedRenderer.java
                                                                             at android.view.ThreadedRenderer.draw(ThreadedRenderer.java:793)
                                                                             at android.view.ViewRootImpl.draw(ViewRootImpl.java:4789)
                                                                             at android.view.ViewRootImpl.performDraw(ViewRootImpl.java:4500)
                                                                             at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:3687)
                                                                             at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:2371)
                                                                             at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:9297)
                                                                             at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1231)
                                                                             at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
                                                                             at android.view.Choreographer.doCallbacks(Choreographer.java:899)
                                                                             at android.view.Choreographer.doFrame(Choreographer.java:832)
```

```
                                                              at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.ja
                                                              at android.os.Handler.handleCallback(Handler.java:942)
                                                              at android.os.Handler.dispatchMessage(Handler.java:99)
                                                              at android.os.Looper.loopOnce(Looper.java:201)
                                                              at android.os.Looper.loop(Looper.java:288)
                                                              at android.app.ActivityThread.main(ActivityThread.java:7918)
                                                              at java.lang.reflect.Method.invoke(Native Method)
10:39:49.942 AndroidRuntime        app.symfonik.music.player.debug        E    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                                              at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
10:39:49.973 Crash                 app.symfonik.music.player.debug        E  LoggerInitializable.init$lambda$2$lambda$1@216: Unhandled crash in Thread[mai
                                                                java.lang.IllegalStateException: LayoutNode should be attached to an owner
                                                                  at androidx.compose.ui.node.LayoutNodeKt.requireOwner(LayoutNode.kt:1458)
                                                                  at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                                  at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.pla
                                                                  at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                                  at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                                  at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-w
                                                                  at androidx.compose.foundation.lazy.grid.LazyGridMeasuredItem.place(LazyGrid
                                                                  at androidx.compose.foundation.lazy.grid.LazyGridMeasureKt$measureLazyGrid$6
                                                                  at androidx.compose.foundation.lazy.grid.LazyGridMeasureKt$measureLazyGrid$6
                                                                  at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                                  at androidx.compose.foundation.lazy.grid.LazyGridMeasureResult.placeChildren
                                                                  at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePo
                                                                  at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$lay
                                                                  at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$lay
                                                                  at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt
                                                                  at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
                                                                  at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(Sna
                                                                  at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
                                                                  at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads
                                                                  at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.lay
                                                                  at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.onM
                                                                  at androidx.compose.ui.node.InnerNodeCoordinator.placeAt-f8xVGno(InnerNodeCo
                                                                  at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                                  at androidx.compose.ui.layout.Placeable$PlacementScope.place(Placeable.kt:46
                                                                  at androidx.compose.ui.layout.Placeable$PlacementScope.place$default(Placeab
                                                                  at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                  at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                  at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                                  at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(La
                                                                  at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:
                                                                  at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placea
                                                                  at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$defaul
                                                                  at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                  at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                  at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureSco
                                                                  at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(La
```

to…@gmail.com <to…@gmail.com> #27

And for even more fun a new case. (Still with 10707888) (Edit: For completeness I've just tried 10736521 that have https://github.com/androidx/androidx/commit/1a1b0f4f6505ad880bb1ab

In the LazyXXXGrid use on the item (the `then` with `toggleable`)

```
Row(
        modifier = Modifier
            .fillMaxWidth()
            .then(if (selectionMode && !isDragging) {
                Modifier.toggleable(
                    value = selected,
                    interactionSource = remember { MutableInteractionSource() },
                    indication = null, // do not show a ripple
                    onValueChange = {
                        onSelectedClick()
                    }
                )
            } else Modifier)
            .padding(horizontal = 8.dp, vertical = 4.dp),
    ) { }
```

Then scroll the list and toggle selection mode or isDragging during scroll will crash with:

```
java.lang.IllegalStateException: node attached multiple times
                                                                  at androidx.compose.ui.Modifier$Node.markAsAttached$ui_release(Modifier.kt:2
                                                                  at androidx.compose.ui.node.NodeChain.markAsAttached(NodeChain.kt:290)
                                                                  at androidx.compose.ui.node.LayoutNode.onReuse(LayoutNode.kt:1344)
                                                                  at androidx.compose.runtime.changelist.Operation$UseCurrentNode.execute(Oper
                                                                  at androidx.compose.runtime.changelist.Operations.executeAndFlushAllPendingC
                                                                  at androidx.compose.runtime.changelist.ChangeList.executeAndFlushAllPendingC
```

```
                                                    at androidx.compose.runtime.CompositionImpl.applyChangesInLocked(Composition
                                                    at androidx.compose.runtime.CompositionImpl.applyChanges(Composition.kt:997)
                                                    at androidx.compose.runtime.Recomposer.composeInitial$runtime_release(Recomp
                                                    at androidx.compose.runtime.ComposerImpl$CompositionContextImpl.composeIniti
                                                    at androidx.compose.runtime.ComposerImpl$CompositionContextImpl.composeIniti
                                                    at androidx.compose.runtime.ComposerImpl$CompositionContextImpl.composeIniti
                                                    at androidx.compose.runtime.ComposerImpl$CompositionContextImpl.composeIniti
                                                    at androidx.compose.runtime.CompositionImpl.composeInitial(Composition.kt:63
                                                    at androidx.compose.runtime.CompositionImpl.setContent(Composition.kt:620)
                                                    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState.subcomposeInto(
                                                    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState.subcompose(Subc
                                                    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState.subcompose(Subc
                                                    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState.subcompose(Subc
                                                    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$Scope.subcompos
                                                    at androidx.compose.foundation.layout.BoxWithConstraintsKt$BoxWithConstraint
                                                    at androidx.compose.foundation.layout.BoxWithConstraintsKt$BoxWithConstraint
                                                    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePo
                                                    at androidx.compose.ui.node.InnerNodeCoordinator$LookaheadDelegateImpl.measu
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure
                                                    at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt
                                                    at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
                                                    at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(Sna
                                                    at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
                                                    at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotRead
                                                    at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotRead
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate.performLookaheadMeasure
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate.access$performLookahead
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.r
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.m
                                                    at androidx.compose.foundation.layout.BoxKt$boxMeasurePolicy$1.measure-3p2s8
10:41:49.202 AndroidRuntime          app.symfonik.music.player.debug    E    at androidx.compose.ui.node.InnerNodeCoordinator$LookaheadDelegateImpl.measu
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure
                                                    at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt
                                                    at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
                                                    at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(Sna
                                                    at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
                                                    at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotRead
                                                    at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotRead
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate.performLookaheadMeasure
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate.access$performLookahead
                                                    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.r
                                                    at androidx.compose.ui.node.LayoutNode.lookaheadRemeasure-_Sx5X1M$ui_release
                                                    at androidx.compose.ui.node.LayoutNode.lookaheadRemeasure-_Sx5X1M$ui_release
                                                    at androidx.compose.ui.node.MeasureAndLayoutDelegate.doLookaheadRemeasure-sd
                                                    at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                    at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                    at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(Measur
                                                    at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout(AndroidC
                                                    at androidx.compose.ui.platform.AndroidComposeView.handleMotionEvent-8iAsVTc
                                                    at androidx.compose.ui.platform.AndroidComposeView.dispatchTouchEvent(Androi
                                                    at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3121)
                                                    at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:2802)
                                                    at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3121)
                                                    at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:2802)
                                                    at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3121)
                                                    at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:2802)
                                                    at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3121)
                                                    at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:2802)
                                                    at com.android.internal.policy.DecorView.superDispatchTouchEvent(DecorView.j
                                                    at com.android.internal.policy.PhoneWindow.superDispatchTouchEvent(PhoneWind
                                                    at android.app.Activity.dispatchTouchEvent(Activity.java:4299)
                                                    at com.android.internal.policy.DecorView.dispatchTouchEvent(DecorView.java:4
                                                    at android.view.View.dispatchPointerEvent(View.java:15309)
                                                    at android.view.ViewRootImpl$ViewPostImeInputStage.processPointerEvent(ViewR
                                                    at android.view.ViewRootImpl$ViewPostImeInputStage.onProcess(ViewRootImpl.ja
                                                    at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:6034)
                                                    at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:6C
                                                    at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:6057)
                                                    at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:6222)
                                                    at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:6065)
                                                    at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:6279)
10:41:49.207 AndroidRuntime          app.symfonik.music.player.debug    E    at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:6038)
                                                    at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:6C
                                                    at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:6057)
                                                    at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:6065)
                                                    at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:6038)
                                                    at android.view.ViewRootImpl.deliverInputEvent(ViewRootImpl.java:9206)
                                                    at android.view.ViewRootImpl.doProcessInputEvents(ViewRootImpl.java:9157)
```

```
                                        at android.view.ViewRootImpl.enqueueInputEvent(ViewRootImpl.java:9126)
                                        at android.view.ViewRootImpl$WindowInputEventReceiver.onInputEvent(ViewRootI
                                        at android.view.InputEventReceiver.dispatchInputEvent(InputEventReceiver.jav
                                        at android.view.InputEventReceiver.nativeConsumeBatchedInputEvents(Native Me
                                        at android.view.InputEventReceiver.consumeBatchedInputEvents(InputEventRecei
                                        at android.view.ViewRootImpl.doConsumeBatchedInput(ViewRootImpl.java:9286)
                                        at android.view.ViewRootImpl$ConsumeBatchedInputRunnable.run(ViewRootImpl.ja
                                        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1231)
                                        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
                                        at android.view.Choreographer.doCallbacks(Choreographer.java:899)
                                        at android.view.Choreographer.doFrame(Choreographer.java:824)
                                        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.ja
                                        at android.os.Handler.handleCallback(Handler.java:942)
                                        at android.os.Handler.dispatchMessage(Handler.java:99)
                                        at android.os.Looper.loopOnce(Looper.java:201)
                                        at android.os.Looper.loop(Looper.java:288)
                                        at android.app.ActivityThread.main(ActivityThread.java:7918)
                                        at java.lang.reflect.Method.invoke(Native Method)
                                        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

Message last modified on Aug 30, 2023 06:58PM

to...@gmail.com <to...@gmail.com> #28

And another one with 10736521

I don't have an exact repro for that one but it's the same kind. Would really help to have some more indications in the crashes messages to debug and build repros.

```
    ReorderableItem(reorderableState, key, if (animate) Modifier.animateItemPlacement() else Modifier, orientationLocked, index, content)
```

In some cases when toggling the animate and there's scroll or item reuse, can't pinpoint the exact repro this will lead to:

```
java.lang.IllegalStateException: replace() called on item that was not placed
                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.r
                                        at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNod
                                        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                        at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(Measur
                                        at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout(AndroidC
                                        at androidx.compose.ui.node.Owner.measureAndLayout$default(Owner.kt:230)
                                        at androidx.compose.ui.platform.AndroidComposeView.dispatchDraw(AndroidCompo
                                        at android.view.View.draw(View.java:23269)
                                        at android.view.View.updateDisplayListIfDirty(View.java:22133)
                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                        at android.view.ThreadedRenderer.updateViewTreeDisplayList(ThreadedRenderer.
                                        at android.view.ThreadedRenderer.updateRootDisplayList(ThreadedRenderer.java
                                        at android.view.ThreadedRenderer.draw(ThreadedRenderer.java:793)
                                        at android.view.ViewRootImpl.draw(ViewRootImpl.java:4789)
                                        at android.view.ViewRootImpl.performDraw(ViewRootImpl.java:4500)
                                        at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:3687)
                                        at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:2371)
                                        at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:9297)
                                        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1231)
                                        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
                                        at android.view.Choreographer.doCallbacks(Choreographer.java:899)
                                        at android.view.Choreographer.doFrame(Choreographer.java:832)
                                        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.ja
                                        at android.os.Handler.handleCallback(Handler.java:942)
                                        at android.os.Handler.dispatchMessage(Handler.java:99)
                                        at android.os.Looper.loopOnce(Looper.java:201)
                                        at android.os.Looper.loop(Looper.java:288)
                                        at android.app.ActivityThread.main(ActivityThread.java:7918)
                                        at java.lang.reflect.Method.invoke(Native Method)
                                        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

When removing the if and always add the animate I can't reproduce the crash.

to...@gmail.com <to...@gmail.com> #29

The last can still be triggered with latest snapshot 10748940. I no more change modifiers.

It's again when something is done during scrolling see attached video.

Would be nice to have some reactions and help about possible causes to build a repro if you need one. LazyList are pretty unstable right now.

```
java.lang.IllegalStateException: replace() called on item that was not placed
                                                            at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.r
                                                            at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNod
                                                            at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                            at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                            at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(Measur
                                                            at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout(AndroidC
                                                            at androidx.compose.ui.node.Owner.measureAndLayout$default(Owner.kt:230)
                                                            at androidx.compose.ui.platform.AndroidComposeView.dispatchDraw(AndroidCompo
                                                            at android.view.View.draw(View.java:23269)
                                                            at android.view.View.updateDisplayListIfDirty(View.java:22133)
                                                            at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                            at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                            at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                            at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                            at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                            at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                            at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                            at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                            at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                            at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                            at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                            at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                            at android.view.ThreadedRenderer.updateViewTreeDisplayList(ThreadedRenderer.
                                                            at android.view.ThreadedRenderer.updateRootDisplayList(ThreadedRenderer.java
                                                            at android.view.ThreadedRenderer.draw(ThreadedRenderer.java:793)
                                                            at android.view.ViewRootImpl.draw(ViewRootImpl.java:4789)
                                                            at android.view.ViewRootImpl.performDraw(ViewRootImpl.java:4500)
                                                            at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:3687)
                                                            at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:2371)
                                                            at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:9297)
                                                            at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1231)
                                                            at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
                                                            at android.view.Choreographer.doCallbacks(Choreographer.java:899)
                                                            at android.view.Choreographer.doFrame(Choreographer.java:832)
                                                            at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.ja
                                                            at android.os.Handler.handleCallback(Handler.java:942)
                                                            at android.os.Handler.dispatchMessage(Handler.java:99)
                                                            at android.os.Looper.loopOnce(Looper.java:201)
                                                            at android.os.Looper.loop(Looper.java:288)
                                                            at android.app.ActivityThread.main(ActivityThread.java:7918)
                                                            at java.lang.reflect.Method.invoke(Native Method)
                                                            at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                                            at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

The scroll during select is done via (Mostly like https://medium.com/androiddevelopers/create-a-photo-grid-with-multiselect-behavior-using-jetpack-compose-9a8d588a9b63):

```
@SuppressLint("ModifierFactoryUnreferencedReceiver")
inline fun <reified Item> Modifier.multiSelectKeyGridDragHandler(
    lazyGridState: LazyGridState,
    haptics: HapticFeedback,
    autoScrollThreshold: Float,
    crossinline toggleOneItem: (Item) -> Boolean?,
    crossinline selectRangeItems: (selectionMode: Boolean, initialIndex: Item, oldIndex: Item, newIndex: Item) -> Unit,
    crossinline setIsDragging: (isDragging: Boolean) -> Unit,
) = composed {
    val autoScrollSpeed = remember { mutableFloatStateOf(0f) }
    if (autoScrollThreshold > 0) {
        LaunchedEffect(autoScrollSpeed.floatValue) {
            if (autoScrollSpeed.floatValue != 0f) {
                while (isActive) {
                    lazyGridState.scrollBy(autoScrollSpeed.floatValue)
                    delay(10)
                }
            }
        }
    }
    pointerInput(Unit) {
        var initialKey: Item? = null
        var currentKey: Item? = null
```

```
                    var selectMode = true
                    detectDragGesturesAfterLongPress(
                        onDragStart = { offset ->
                            setIsDragging(true)
                            (lazyGridState.gridItemKeyAtPosition(offset) as? Item)?.let { key ->
                                val wasSelected = toggleOneItem(key)
                                if (wasSelected != null) {
                                    haptics.performHapticFeedback(HapticFeedbackType.LongPress)
                                    initialKey = key
                                    currentKey = key
                                    selectMode = wasSelected
                                }
                            }
                        },
                        onDragCancel = {
                            initialKey = null
                            currentKey = null
                            autoScrollSpeed.floatValue = 0f
                            setIsDragging(false)
                        },
                        onDragEnd = {
                            initialKey = null
                            currentKey = null
                            autoScrollSpeed.floatValue = 0f
                            setIsDragging(false)
                        },
                        onDrag = { change, _ ->
                            if (initialKey != null) {
                                val distFromBottom = lazyGridState.layoutInfo.viewportSize.height - change.position.y
                                val distFromTop = change.position.y
                                autoScrollSpeed.floatValue = when {
                                    distFromBottom < autoScrollThreshold -> autoScrollThreshold - distFromBottom
                                    distFromTop < autoScrollThreshold -> -(autoScrollThreshold - distFromTop)
                                    else -> 0f
                                }
                                (lazyGridState.gridItemKeyAtPosition(change.position) as? Item)?.let { key ->
                                    if (currentKey != key) {
                                        if (initialKey != null && currentKey != null) {
                                            selectRangeItems(selectMode, initialKey!!, currentKey!!, key)
                                        }
                                        currentKey = key
                                    }
                                }
                            }
                        },
                    )
                }
            }
        }

    fun LazyGridState.gridItemKeyAtPosition(hitPoint: Offset): Any? =
        layoutInfo.visibleItemsInfo.find { itemInfo ->
            itemInfo.size.toIntRect().contains(hitPoint.round() - itemInfo.offset)
        }?.key
```

📎 **Screen_recording_20230901_082658.mp4**
2.3 MB   Download

---

an...@google.com <an...@google.com> #30

I tried to run https://medium.com/androiddevelopers/create-a-photo-grid-with-multiselect-behavior-using-jetpack-compose-9a8d588a9b63 locally and I can't make it fail. Probably the conten

For example for the last stacktrace: "replace() called on item that was not placed". It happens inside LookaheadPassDelegate. It has placedOnce set to false, and we call lookaheadReplace()

For "java.lang.IllegalStateException: node attached multiple times" crash I am also not sure how it happens. From LayoutNode.onReuse we have a call to NodeChain.markAsAttached. But rig

For "java.lang.IllegalStateException: LayoutNode should be attached to an owner" it is not less surprising. We never expect to have a place call to happen on a node which is not attached. Su

Is there are chance you have some other try/catches in your code which are masking the issue for us? Like the real issue happened somewhere else, we caught it without allowing the app to

---

to...@gmail.com <to...@gmail.com> #31

I do not have any try catch, the added ones in the lazyscroll bar were just a quick random test to see if there's other things happening later (and it did).

For the #29, I had some issues with lazygrid/List wrongly handing touch events, like sometimes (could not figure a pattern) even after the long press started the drag selection, the lazyGrid w

As a fix I added `userScrollEnabled = !isDragSelecting,` to the LazyGrid/Lists with isDragSelecting set to true in onDragStart. This not only fixed this annoying issue but also it seems th

All the last crashes reported in this issue that I mostly workaround are tied to scrolling during recomposition with / without modifier replacement.

On the screen that crashed the more easily the items have `Modifier.animateItemPlacement()` (See #28) for drag and drop reordering. I tried to remove the modifier when not in reordering

For the record a search for "LayoutNode should be attached to an owner" on this tracker shows tons of reported issues (without Google reactions mostly) with tons of +1.

I do have some crashes in prod too (All compose without my code involved in the crashes), but dumb Play Console hides the message and the line numbers since many months and still do n

First crash on attached Play Console issues is a "LayoutNode should be attached to an owner"

The others are missing data from Play Console to know more

```
Exception java.lang.IllegalStateException:
  at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release (LayoutNode.kt)
  at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded (MeasureAndLayoutDelegate.kt:465)
  at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout (MeasureAndLayoutDelegate.kt)
  at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout (AndroidComposeView.android.kt)
  at androidx.compose.ui.node.Owner.measureAndLayout$default (Owner.kt)
  at androidx.compose.ui.platform.AndroidComposeView.dispatchDraw (AndroidComposeView.android.kt:1183)
  at android.view.View.draw (View.java:24409)
  at android.view.View.updateDisplayListIfDirty (View.java:23267)
  at android.view.ViewGroup.recreateChildDisplayList (ViewGroup.java:4732)
  at android.view.ViewGroup.dispatchGetDisplayList (ViewGroup.java:4704)
  at android.view.View.updateDisplayListIfDirty (View.java:23214)
  at android.view.ViewGroup.recreateChildDisplayList (ViewGroup.java:4732)
  at android.view.ViewGroup.dispatchGetDisplayList (ViewGroup.java:4704)
  at android.view.View.updateDisplayListIfDirty (View.java:23214)
  at android.view.ViewGroup.recreateChildDisplayList (ViewGroup.java:4732)
  at android.view.ViewGroup.dispatchGetDisplayList (ViewGroup.java:4704)
  at android.view.View.updateDisplayListIfDirty (View.java:23214)
  at android.view.ViewGroup.recreateChildDisplayList (ViewGroup.java:4732)
  at android.view.ViewGroup.dispatchGetDisplayList (ViewGroup.java:4704)
  at android.view.View.updateDisplayListIfDirty (View.java:23214)
  at android.view.ThreadedRenderer.updateViewTreeDisplayList (ThreadedRenderer.java:777)
  at android.view.ThreadedRenderer.updateRootDisplayList (ThreadedRenderer.java:783)
  at android.view.ThreadedRenderer.draw (ThreadedRenderer.java:881)
  at android.view.ViewRootImpl.draw (ViewRootImpl.java:5647)
  at android.view.ViewRootImpl.performDraw (ViewRootImpl.java:5330)
  at android.view.ViewRootImpl.performTraversals (ViewRootImpl.java:4486)
  at android.view.ViewRootImpl.doTraversal (ViewRootImpl.java:3116)
  at android.view.ViewRootImpl$TraversalRunnable.run (ViewRootImpl.java:10885)
  at android.view.Choreographer$CallbackRecord.run (Choreographer.java:1301)
  at android.view.Choreographer$CallbackRecord.run (Choreographer.java:1309)
  at android.view.Choreographer.doCallbacks (Choreographer.java:923)
  at android.view.Choreographer.doFrame (Choreographer.java:852)
  at android.view.Choreographer$FrameDisplayEventReceiver.run (Choreographer.java:1283)
  at android.os.Handler.handleCallback (Handler.java:942)
  at android.os.Handler.dispatchMessage (Handler.java:99)
  at android.os.Looper.loopOnce (Looper.java:226)
  at android.os.Looper.loop (Looper.java:313)
  at android.app.ActivityThread.main (ActivityThread.java:8757)
  at java.lang.reflect.Method.invoke
  at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run (RuntimeInit.java:571)
  at com.android.internal.os.ZygoteInit.main (ZygoteInit.java:1067)
```

Crashes.png
51 KB View Download

---

an...@google.com <an...@google.com> #32

Reassigned to ti...@google.com.

If two crashes have the same error message it doesn't mean it is the same issue. Most of other "LayoutNode should be attached to an owner" crashes are related to semantics, and yours it n

---

to...@gmail.com <to...@gmail.com> #33

I know but for us mere mortals without help from Google to move on those issues it's hard / impossible to build repro without guidance.

Even more for me as androidX still does not support Windows to build special release with logs to help me trace stuff.

It takes lot of times and tons of motivation on my side (Indie dev not paid by the hour or at all to work on those :p) but with guidance there's always solutions at some point https://issuetrack
get the issues triaged to the proper person and have the necessary help to build the repros.

For R8 issues (Dozens of P1 issues reported and fixed), I know that issues will be triaged and help given so that time I pass on those won't be wasted.

Anyway sorry for the rant, and it's not against you in particular, just to show the other side of the fence :) Like https://issuetracker.google.com/issues/297231233, a pretty big issue, if I did no

TL;DR; as in many previous issues, I'm available to log / debug stuff but can't pass hours trying to build repro without guidance.

---

an...@google.com <an...@google.com> #34

I understand your disappointment. I was one of them helping you to find a repro sample in the bugs you shared and I appreciate the bugs you create and your dedication on helping us finding

For bugs like this, where it is unclear what is happening from just reading a code related to the stacktrace it is crucial to be able to reproduce the issue.

I just tried to reproduce it with a code similar to the one mentioned in b/289010786

```
                Column {
                    var size by remember { mutableStateOf(100.dp) }
                    Button(onClick = { size += 10.dp }) {
                        Text("Increase size")
                    }
                    Box(Modifier.animateBounds().size(size).background(Color.Red))
                }
```

and I can't make it crash.

Seems like you can reproduce it locally in your project. The only idea I have is to try to make the code causing the crash simpler and simpler removing the parts of the ui which are not affectir with you. We will not be using this code for anything aside from trying to extract a reproducible sample from it

---

to...@gmail.com <to...@gmail.com> #35

It's more about fatigue after 12 years of bug report than disappointment. The tracker is broken for most part and require to know who to ping. It's just hard to ping without sending mails that

About the repro this is the standard way to do it, but with Compose it's harder as there's many things reusable and decoupled with tons of params that impact the whole app, removing just a

And then in the screen there's many reusable wrappers + all the specific logic. Like in the playlist part (the one crashing the most), there's support for drag to reorder + swipe to dimiss + drag

Added the LI export (Iguana C1) + a video of this screen to see some of the features in case it helps.

All that to say that's it's really hard to extract things. And for the moment I've applied all the workaround I've noted in this thread so I have no easy repro anymore without investment.

I currently need to move on with other things, and since I have workaround for most at short term I can only find time for https://issuetracker.google.com/issues/297231233 that is highly imp

With that said I can test snapshots and provide logs or do tests if you have ideas to test. In a couple of weeks if nothing have moved I can try again.

As a last word for today, even with all those bugs and issues and everything, it was really nice to build that app with Compose, I finally find fun to do UI and animations, details, drag and drop

Message last modified on   Sep 5, 2023 02:40AM

📎 **app.symfonik.music.player.debug_2023.09.04_18.28.li**
   216 KB   Download

📎 **Screen_recording_20230904_182946.mp4**
   2.6 MB   Download

---

to...@gmail.com <to...@gmail.com> #36

See https://issuetracker.google.com/issues/219545359#comment18 that have some interesting data.

In my case in the screen that reproduce this the most I do use it for the reorder stuff.

The composable have a param `playlistEntries: List<PlaylistEntry>,`

Then

```
@Composable
fun PlaylistEntryList(
    lazyListState: LazyGridState,
    ....
    playlistEntries: List<PlaylistEntry>,
    ....
) {
    val playlistEntriesItems = remember { mutableListOf<PlaylistEntry>().toMutableStateList() }
    val reorderState = rememberReorderableLazyGridState(
        gridState = lazyListState,
        onDragEnd = { from, to -> onItemDragged?.invoke(from - 1, to - 1) },
        onMove = { from, to -> runCatching { playlistEntriesItems.add(to.index - 1, playlistEntriesItems.removeAt(from.index - 1)) } },
    )
    val refresher = remember(playlistEntries) {
        playlistEntriesItems.clear()
        playlistEntriesItems.addAll(playlistEntries)
    }

    ...
    itemsIndexed(items = playlistEntriesItems, key = { _, item -> item.id }) { index, item ->
    }
}
```

Since the composable param is a list it's not seen as stable, so i suppose the refresher can run in case of recomposition and if the refresher runs during a scroll we have one of the variations

I'm maybe using an anti pattern here, with something obviously wrong for you, but it worked well before. Maybe you can find something more with this. And if this is an antipattern have some

---

to...@gmail.com <to...@gmail.com> #37

So I now reproduce on that screen the initial crash. (replace() called on item that was not placed with lookahead) (This is with latest snapshot too)

I still do not have an external repro but took a couple hours to try to understand what can or can not trigger this and the answer is a combination of `AnimatedVisibility` + deepness of the l

The items wrappers:

```
                itemsIndexed(items = playlistEntriesItems, key = { _, item -> item.id }) { index, item ->
                    ReorderableItem(reorderState, item.id, orientationLocked = true) { isDragging ->
                        val color by animateColorAsState(if (isDragging) Color.Black.copy(alpha = 0.7f) else Color.Transparent)
                        Draggable(
                            modifier = Modifier.background(color),
                            enabled = false,
                            dragDataProducer = { item },
                        ) {
                            if (it == DraggableState.DRAGGABLE) {
                                DraggedPlaylistEntry(item)
                            } else {
                                val onMoreClickHandler = if (onMoreClick == null) {
                                    null
                                } else {
                                    { onMoreClick(item, index) }
                                }
                                SwipeActions(
                                    endActionsConfig = if (!reorder || selectionMode) {
                                        DefaultSwipeActionsConfig
                                    } else {
                                        SwipeActionsConfig(
                                            threshold = 0.4f,
                                            icon = SymfoniumIcons.Rounded.Delete,
                                            iconTint = MaterialTheme.colorScheme.primary,
                                            background = MaterialTheme.colorScheme.surface,
                                            stayDismissed = true,
                                            onDismiss = { onDelete(item) },
                                        )
                                    },
                                ) {
                                    val selected = selectedPlaylistEntryIds.value.contains(item.id)
                                    PlaylistEntryListEntry(
                                        item,
                                        reorder = reorder && !selectionMode,
                                        selectionMode = selectionMode,
                                        isDragging = isDragSelecting,
                                        selected = selected,
                                        reorderState = reorderState,
                                        additionalData = if (additionalMode != null) {
                                            { SongAdditionalInfo(mediaItem = item.asMediaItem(), additionalMode = additionalMode, secondAdditionalMode = additiona
                                        } else {
                                            null
                                        },
                                        additionalData2 = if (additionalMode2 != null) {
                                            { SongAdditionalInfo(mediaItem = item.asMediaItem(), additionalMode = additionalMode2, secondAdditionalMode = addition
                                        } else {
                                            null
                                        },
                                        onMoreClick = onMoreClickHandler,
                                        onRowClick = { onClick(item, index) },
                                        onSelectedClick = { onSelectedClick(item) },
                                    )
                                }
                            }
                        }
                    }
                }
```

The items.

```
@Composable
fun PlaylistEntryListEntry(
    playlistEntry: PlaylistEntry,
    reorder: Boolean,
    selectionMode: Boolean,
    selected: Boolean,
    isDragging: Boolean,
    reorderState: ReorderableLazyGridState,
    additionalData: @Composable (() -> Unit)? = null,
    additionalData2: @Composable (() -> Unit)? = null,
    onMoreClick: (() -> Unit)?,
    onRowClick: () -> Unit,
    onSelectedClick: () -> Unit,
) {
    val imageRequest = getImageRequest(
        playlistEntry.asMediaItem(),
        exactSize = false,
        debugTag = "PlaylistEntryListEntry",
    )
```

```kotlin
        val secondLine = playlistEntry.description
        val secondLineAdditional = if (additionalData == null && additionalData2 == null) playlistEntry.duration.takeIf { it > 0 }?.secondsToDuration(fillZerc
        val color by animateColorAsState(if (selected) MaterialTheme.colorScheme.primary.copy(alpha = 0.25f) else Color.Unspecified, label = "")
        Row(
            modifier = Modifier
                .fillMaxWidth()
                .background(color)
                .clickable {
                    if (!isDragging) {
                        if (selectionMode) onSelectedClick() else onRowClick()
                    }
                }
                .padding(horizontal = 8.dp, vertical = 4.dp),
        ) {
            if (reorder) {
                Icon(
                    imageVector = SymfoniumIcons.Rounded.DragHandle,
                    null,
                    modifier = Modifier
                        .align(CenterVertically)
                        .padding(start = 4.dp, end = 12.dp)
                        .detectReorder(reorderState),
                )
            }
            Box(
                modifier = Modifier
                    .size(48.dp)
                    .clip(RoundedCornerShape(8.dp)),
            ) {
                ImageRequestImage(
                    imageRequest = imageRequest,
                    contentDescription = null,
                    contentScale = ContentScale.Crop,
                    placeHolderColor = materialPlaceHolderColor(),
                    errorPainter = rememberImageErrorPainter(SymfoniumIcons.Rounded.QueueMusic, true),
                )
            }
            Spacer(modifier = Modifier.width(8.dp))
            Column(
                modifier = Modifier
                    .weight(1f, fill = false)
                    .align(CenterVertically),
            ) {
                Text(
                    text = playlistEntry.title,
                    maxLines = 1,
                    overflow = TextOverflow.Ellipsis,
                    style = MaterialTheme.typography.bodyLarge,
                    modifier = Modifier.fillMaxWidth(),
                )
                Row(
                    modifier = Modifier
                        .fillMaxWidth()
                        .padding(top = if (secondLine.isNotEmpty() || secondLineAdditional != null) 2.dp else 0.dp),
                ) {
                    if (secondLine.isNotEmpty()) {
                        Text(
                            text = secondLine,
                            maxLines = 1,
                            overflow = TextOverflow.Ellipsis,
                            style = MaterialTheme.typography.bodyMedium,
                            modifier = Modifier.weight(1f, fill = false),
                            color = MaterialTheme.colorScheme.onSurface.copy(alpha = 0.38f),
                        )
                    }
                    if (secondLineAdditional != null) {
                        Text(
                            text = if (secondLineAdditional.isEmpty()) "" else " • $secondLineAdditional",
                            maxLines = 1,
                            style = MaterialTheme.typography.bodyMedium,
                            color = MaterialTheme.colorScheme.onSurface.copy(alpha = 0.38f),
                        )
                    }
                }
            }
            if (additionalData != null || additionalData2 != null) {
                Column(
                    modifier = Modifier
                        .align(CenterVertically)
                        .padding(vertical = 4.dp),
```

```
                    horizontalAlignment = Alignment.End,
                    verticalArrangement = Arrangement.spacedBy(8.dp),
                ) {
                    if (additionalData != null) {
                        additionalData()
                    }
                    if (additionalData2 != null) {
                        additionalData2()
                    }
                }
            }
            if (onMoreClick != null && !selectionMode) {
                IconButton(
                    onClick = onMoreClick,
                    modifier = Modifier.align(CenterVertically),
                ) {
                    Icon(imageVector = SymfoniumIcons.Rounded.MoreVert, contentDescription = "menu")
                }
            }
            if (selectionMode) {
                IconButton(
                    onClick = onSelectedClick,
                    modifier = Modifier.align(CenterVertically),
                ) {
                    Icon(imageVector = SymfoniumIcons.Rounded.RadioButtonUnchecked, contentDescription = "menu", tint = MaterialTheme.colorScheme.primary)
                    AnimatedVisibility(
                        visible = selected,
                        enter = fadeIn(),
                        exit = fadeOut(),
                    ) {
                        Icon(imageVector = SymfoniumIcons.Rounded.CheckCircleFilled, contentDescription = "menu", tint = MaterialTheme.colorScheme.primary)
                    }
                }
            }
        }
    }
}
```

Since I'm using a variation of https://medium.com/androiddevelopers/create-a-photo-grid-with-multiselect-behavior-using-jetpack-compose-9a8d588a9b63 the issue is reproduced when drag

This will randomly trigger the crash.

Removing the `AnimatedVisibility` fixes the crashes.

But (and that's the funny part) if in the items wrapper you remove the `ReorderableItem` the items no more crashes. To simplify I replaced the `ReorderableItem` by a `Box` or a `Row` and it cr

(I tried removing the ellipsis or the weight in the item and it does not change anything).

The `AnimatedVisibility` is just fade so it should not change layout or cause remeasure. (But same crash with default enter/exit anims)

So sorry no progress on the LayoutNode not attached but I hope this is enough to get the animatedVisibility crash fixed.

```
java.lang.IllegalStateException: replace() called on item that was not placed
                                                        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.r
                                                        at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNod
                                                        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                        at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(Measur
                                                        at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout(AndroidC
                                                        at androidx.compose.ui.node.Owner.measureAndLayout$default(Owner.kt:230)
                                                        at androidx.compose.ui.platform.AndroidComposeView.dispatchDraw(AndroidCompo
                                                        at android.view.View.draw(View.java:23269)
                                                        at android.view.View.updateDisplayListIfDirty(View.java:22133)
                                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
                                                        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
                                                        at android.view.View.updateDisplayListIfDirty(View.java:22089)
                                                        at android.view.ThreadedRenderer.updateViewTreeDisplayList(ThreadedRenderer.
                                                        at android.view.ThreadedRenderer.updateRootDisplayList(ThreadedRenderer.java
                                                        at android.view.ThreadedRenderer.draw(ThreadedRenderer.java:793)
                                                        at android.view.ViewRootImpl.draw(ViewRootImpl.java:4789)
                                                        at android.view.ViewRootImpl.performDraw(ViewRootImpl.java:4500)
                                                        at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:3687)
                                                        at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:2371)
                                                        at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:9297)
```

```
                                        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1231)
                                        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
                                        at android.view.Choreographer.doCallbacks(Choreographer.java:899)
                                        at android.view.Choreographer.doFrame(Choreographer.java:832)
                                        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.ja
                                        at android.os.Handler.handleCallback(Handler.java:942)
                                        at android.os.Handler.dispatchMessage(Handler.java:99)
                                        at android.os.Looper.loopOnce(Looper.java:201)
                                        at android.os.Looper.loop(Looper.java:288)
                                        at android.app.ActivityThread.main(ActivityThread.java:7918)
                                        at java.lang.reflect.Method.invoke(Native Method)
                                        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

to...@gmail.com <to...@gmail.com> #38

And sorry but since there's absolutely no triage in the Compose UI component (Don't know who the je....@google.com is but maybe the category should be assigned to someone else by defa

https://issuetracker.google.com/issues/298846020 seems for Doris and maybe related to the vector recomposing? (There's a repro project attached)

jo...@gmail.com <jo...@gmail.com> #39

Here is the reliable Repro GIST which results in the Exception. I tested it with it.

https://gist.github.com/Josuhu/eb8d993625be6a924c7cab91977e1d26

to...@gmail.com <to...@gmail.com> #40

Another repro https://issuetracker.google.com/issues/299626502

an...@google.com <an...@google.com> #41

I don't know for sure yes, but we might have multiple separate issues here.

The one reproduced with https://gist.github.com/Josuhu/eb8d993625be6a924c7cab91977e1d26 doesn't involve any lookahead using modifiers and could be related to a frequent data chan

In this bug we saw an issue reproduced when AnimatedVisibility is used. b/299626502 involves AnimatedVisibility as well, and might be related

to...@gmail.com <to...@gmail.com> #42

> and could be related to a frequent data changes.

At some point I was able to trigger the crash by fast scrolling to a long distance and simply toggling a boolean param on some of the items during the scroll. Boolean used as `if (boolean)` layoutinspector opened with auto refresh can probably simulate that well too).

On the bright side I've finished Firebase integration with Crashytics to have proper event logs and data on crashes to hopefully be able to have a lot more insight on the prod crashes and prov

an...@google.com <an...@google.com> #43

Note that, in b/219545359 I tried to triage all the bugs with similar stack traces so we don't combine everything in one place as it is impossible to navigate.
Lets agree that this specific bug is dedicated to the crashes with stacktraces with a error message starting with "java.lang.IllegalStateException: replace() called on item that was not placed"

to...@gmail.com <to...@gmail.com> #44

Another one with "java.lang.IllegalStateException: replace() called on item that was not placed"

https://issuetracker.google.com/issues/299528588

Repro there is not enough but you can ask for more and I do have some screens with the same LazyColumn with LazyRows inside.

Will go to prod soon so should have more insight next week.

to...@gmail.com <to...@gmail.com> #45

Continuing the triage here since the other is closed.

I'm also facing this one (The first link have a repro)

https://issuetracker.google.com/issues/300280228

https://issuetracker.google.com/issues/299967801

```
Fatal Exception: java.lang.IllegalStateException: Place was called on a node which was placed already
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.onNodePlaced$ui_release(LayoutNodeLayoutDelegate.kt:1457)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:1311)
```

```
at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM(Placeable.kt:489)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM$default(Placeable.kt:320)
at androidx.compose.foundation.lazy.LazyListMeasuredItem.place(LazyListMeasuredItem.kt:182)
at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$8.invoke(LazyListMeasure.kt:353)
at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$8.invoke(LazyListMeasure.kt:350)
at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
at androidx.compose.foundation.lazy.LazyListMeasureResult.placeChildren(LazyListMeasureResult.kt)
at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePolicy$1$measure-3p2s80s$$inlined$createMeasureResult$2.placeChildren(Sub
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$layoutChildren$1.invoke(LayoutNodeLayoutDelegate.kt:1093)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$layoutChildren$1.invoke(LayoutNodeLayoutDelegate.kt:1088)
at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads$ui_release(OwnerSnapshotObserver.kt:81)
at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads$ui_release$default(OwnerSnapshotObserver.kt:75)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.layoutChildren(LayoutNodeLayoutDelegate.kt:1088)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.onNodePlaced$ui_release(LayoutNodeLayoutDelegate.kt:1470)
at androidx.compose.ui.node.InnerNodeCoordinator$LookaheadDelegateImpl.placeChildren(InnerNodeCoordinator.kt:97)
at androidx.compose.ui.node.LookaheadDelegate.placeAt-f8xVGno(LookaheadDelegate.kt:156)
at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
at androidx.compose.ui.layout.Placeable$PlacementScope.place(Placeable.kt:460)
at androidx.compose.ui.layout.Placeable$PlacementScope.place$default(Placeable.kt:218)
at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2$1.invoke(AndroidOverscroll.kt:589)
at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2$1.invoke(AndroidOverscroll.kt:588)
at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
at androidx.compose.ui.node.LookaheadDelegate.placeChildren(LookaheadDelegate.kt:178)
at androidx.compose.ui.node.LookaheadDelegate.placeAt-f8xVGno(LookaheadDelegate.kt:156)
at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placeable.kt:486)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$default(Placeable.kt:299)
at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1$1.invoke(AndroidOverscroll.kt:577)
at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1$1.invoke(AndroidOverscroll.kt:570)
at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
at androidx.compose.ui.node.LookaheadDelegate.placeChildren(LookaheadDelegate.kt:178)
at androidx.compose.ui.node.LookaheadDelegate.placeAt-f8xVGno(LookaheadDelegate.kt:156)
at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placeable.kt:486)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$default(Placeable.kt:299)
at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:648)
at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:647)
at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
at androidx.compose.ui.node.LookaheadDelegate.placeChildren(LookaheadDelegate.kt:178)
at androidx.compose.ui.node.LookaheadDelegate.placeAt-f8xVGno(LookaheadDelegate.kt:156)
at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50(Placeable.kt:463)
at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50$default(Placeable.kt:231)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$placeAt$1.invoke(LayoutNodeLayoutDelegate.kt:1317)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$placeAt$1.invoke(LayoutNodeLayoutDelegate.kt:1315)
at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnapshotReads$ui_release(OwnerSnapshotObserver.kt:96)
at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnapshotReads$ui_release$default(OwnerSnapshotObserver.kt:90)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:1315)
at androidx.compose.ui.node.LayoutNode.forEachCoordinatorIncludingInner$ui_release(LayoutNode.kt:1250)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.replace(LayoutNodeLayoutDelegate.kt:490)
at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNode.kt:926)
at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout-0kLqBqw(MeasureAndLayoutDelegate.kt:413)
at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout-0kLqBqw(AndroidComposeView.android.kt:955)
at androidx.compose.ui.node.LayoutNode.forceRemeasure(LayoutNode.kt:1221)
at androidx.compose.foundation.lazy.LazyListState.onScroll$foundation_release(LazyListState.kt:318)
at androidx.compose.foundation.lazy.LazyListState$scrollableState$1.invoke(LazyListState.kt:179)
at androidx.compose.foundation.lazy.LazyListState$scrollableState$1.invoke(LazyListState.kt:179)
at androidx.compose.foundation.gestures.DefaultScrollableState$scrollScope$1.scrollBy(ScrollableState.kt:166)
at androidx.compose.foundation.gestures.ScrollingLogic$dispatchScroll$performScroll$1.invoke-MK-Hz9U(Scrollable.kt:762)
at androidx.compose.foundation.gestures.ScrollingLogic$dispatchScroll$performScroll$1.invoke(Scrollable.kt:752)
at androidx.compose.foundation.AndroidEdgeEffectOverscrollEffect.applyToScroll-Rhakbz0(AndroidOverscroll.kt:184)
at androidx.compose.foundation.gestures.ScrollingLogic.dispatchScroll-3eAAhYA(Scrollable.kt:778)
at androidx.compose.foundation.gestures.ScrollingLogic$doFlingAnimation$2$outerScopeScroll$1.invoke-MK-Hz9U(Scrollable.kt:833)
at androidx.compose.foundation.gestures.ScrollingLogic$doFlingAnimation$2$outerScopeScroll$1.invoke(Scrollable.kt:832)
at androidx.compose.foundation.gestures.ScrollingLogic$doFlingAnimation$2$scope$1.scrollBy(Scrollable.kt:837)
at androidx.compose.foundation.gestures.DefaultFlingBehavior$performFling$2$1.invoke(Scrollable.kt:967)
at androidx.compose.foundation.gestures.DefaultFlingBehavior$performFling$2$1.invoke(Scrollable.kt:965)
at androidx.compose.animation.core.SuspendAnimationKt.doAnimationFrame(SuspendAnimation.kt:361)
at androidx.compose.animation.core.SuspendAnimationKt.doAnimationFrameWithScale(SuspendAnimation.kt:339)
at androidx.compose.animation.core.SuspendAnimationKt.access$doAnimationFrameWithScale(SuspendAnimation.kt:1)
at androidx.compose.animation.core.SuspendAnimationKt$animate$9.invoke(SuspendAnimation.kt:279)
```

```
        at androidx.compose.animation.core.SuspendAnimationKt$animate$9.invoke(SuspendAnimation.kt:278)
        at androidx.compose.animation.core.SuspendAnimationKt$callWithFrameNanos$2.invoke(SuspendAnimation.kt:304)
        at androidx.compose.animation.core.SuspendAnimationKt$callWithFrameNanos$2.invoke(SuspendAnimation.kt:303)
        at androidx.compose.runtime.BroadcastFrameClock$FrameAwaiter.resume(BroadcastFrameClock.kt:42)
        at androidx.compose.runtime.BroadcastFrameClock.sendFrame(BroadcastFrameClock.kt:71)
        at androidx.compose.runtime.Recomposer$runRecomposeAndApplyChanges$2$1.invoke(Recomposer.kt:555)
        at androidx.compose.runtime.Recomposer$runRecomposeAndApplyChanges$2$1.invoke(Recomposer.kt:548)
        at androidx.compose.ui.platform.AndroidUiFrameClock$withFrameNanos$2$callback$1.doFrame(AndroidUiFrameClock.android.kt:41)
        at androidx.compose.ui.platform.AndroidUiDispatcher.performFrameDispatch(AndroidUiDispatcher.android.kt:109)
        at androidx.compose.ui.platform.AndroidUiDispatcher.access$performFrameDispatch(AndroidUiDispatcher.android.kt:41)
        at androidx.compose.ui.platform.AndroidUiDispatcher$dispatchCallback$1.doFrame(AndroidUiDispatcher.android.kt:69)
        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1299)
        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1309)
        at android.view.Choreographer.doCallbacks(Choreographer.java:923)
        at android.view.Choreographer.doFrame(Choreographer.java:847)
        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.java:1283)
        at android.os.Handler.handleCallback(Handler.java:942)
        at android.os.Handler.dispatchMessage(Handler.java:99)
        at android.os.Looper.loopOnce(Looper.java:226)
        at android.os.Looper.loop(Looper.java:313)
        at android.app.ActivityThread.main(ActivityThread.java:8757)
        at java.lang.reflect.Method.invoke(Method.java)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:571)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1067)
```

an...@google.com <an...@google.com> #46

Marked
https://issuetracker.google.com/issues/300280228
https://issuetracker.google.com/issues/299967801
as duplicates of this one as we expect it is caused by the same issue, but the repros from there will still be useful for us to investigate

to...@gmail.com <to...@gmail.com> #47

So got a new different crash stack logged as https://issuetracker.google.com/issues/300483481

For the record https://issuetracker.google.com/issues/299967801 is not flagged duplicate.

And added a new varation in https://issuetracker.google.com/issues/299626502#comment2 as I think it might be the same, but if it's not I can open a new one. Would also appreciate an ans

to...@gmail.com <to...@gmail.com> #48

So no news and no triage of https://issuetracker.google.com/issues/300483481 :(

Anyway with today's snapshot 10839053 I'm facing https://issuetracker.google.com/issues/300502149 when adding a SwipeToDismiss in a LazyGrid. Don't know if it's Lazy issue or not but

About this specific issue I got a few different variation in Crashlytics like below.

Unfortunately I can't find a pattern in anything from the logs I currently gather in Firebase, so I'm adding more for my next release to try to pin point more details.

```
Fatal Exception: java.lang.IllegalStateException: replace() called on item that was not placed
        at androidx.compose.runtime.collection.MutableVector.forEach(MutableVector.kt:468)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.replace(LayoutNodeLayoutDelegate.kt:480)
        at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNode.kt:926)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded(MeasureAndLayoutDelegate.kt:486)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded$default(MeasureAndLayoutDelegate.kt:461)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(MeasureAndLayoutDelegate.kt:354)
        at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout(AndroidComposeView.android.kt:944)
        at androidx.compose.ui.node.Owner.measureAndLayout$default(Owner.kt:230)
        at androidx.compose.ui.platform.AndroidComposeView.dispatchDraw(AndroidComposeView.android.kt:1197)
        at android.view.View.draw(View.java:23269)
        at android.view.View.updateDisplayListIfDirty(View.java:22133)
        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
        at android.view.View.updateDisplayListIfDirty(View.java:22089)
        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
        at android.view.View.updateDisplayListIfDirty(View.java:22089)
        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
        at android.view.View.updateDisplayListIfDirty(View.java:22089)
        at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4513)
        at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4486)
        at android.view.View.updateDisplayListIfDirty(View.java:22089)
        at android.view.ThreadedRenderer.updateViewTreeDisplayList(ThreadedRenderer.java:689)
        at android.view.ThreadedRenderer.updateRootDisplayList(ThreadedRenderer.java:695)
        at android.view.ThreadedRenderer.draw(ThreadedRenderer.java:793)
        at android.view.ViewRootImpl.draw(ViewRootImpl.java:4789)
        at android.view.ViewRootImpl.performDraw(ViewRootImpl.java:4500)
```

```
at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:3687)
at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:2371)
at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:9297)
at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1231)
at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
at android.view.Choreographer.doCallbacks(Choreographer.java:899)
at android.view.Choreographer.doFrame(Choreographer.java:832)
at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.java:1214)
at android.os.Handler.handleCallback(Handler.java:942)
at android.os.Handler.dispatchMessage(Handler.java:99)
at android.os.Looper.loopOnce(Looper.java:201)
at android.os.Looper.loop(Looper.java:288)
at android.app.ActivityThread.main(ActivityThread.java:7918)
at java.lang.reflect.Method.invoke(Method.java)
at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:548)
at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

an...@google.com <an...@google.com> #49

With a help of a sample project from b/299967801 I was able to find a repro for a similar issue:

```
LookaheadScope {
    LazyColumn {
        items(100) {
            TextField(
                value = "",
                onValueChange = {}
            )
        }
    }
}
```

We need to scroll a bit, then put a focus into one of the items, then scroll to the top so the focused item is not visible anymore. Attached a video of a crash.

Stacktrace is slightly different from the one reported in this bug, but might be caused by the same issue:

```
java.lang.IllegalStateException: Place was called on a node which was placed already
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.onNodePlaced$ui_debug(LayoutNodeLayoutDelegate.kt:1457)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:1311)
    at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
    at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM(Placeable.kt:489)
    at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM$default(Placeable.kt:320)
    at androidx.compose.foundation.lazy.LazyListMeasuredItem.place(LazyListMeasuredItem.kt:194)
    at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$9.invoke(LazyListMeasure.kt:373)
    at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$9.invoke(LazyListMeasure.kt:370)
    at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
    at androidx.compose.foundation.lazy.LazyListMeasureResult.placeChildren(Unknown Source:2)
    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePolicy$1$measure-3p2s80s$$inlined$createMeasureResult$2.p
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$layoutChildren$1.invoke(LayoutNodeLayoutDelegate.kt:109;
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$layoutChildren$1.invoke(LayoutNodeLayoutDelegate.kt:108i
    at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
    at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
    at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_debug(OwnerSnapshotObserver.kt:133)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads$ui_debug(OwnerSnapshotObserver.kt:81)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads$ui_debug$default(OwnerSnapshotObserver.kt:75)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.layoutChildren(LayoutNodeLayoutDelegate.kt:1088)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.onNodePlaced$ui_debug(LayoutNodeLayoutDelegate.kt:1470)
    at androidx.compose.ui.node.InnerNodeCoordinator$LookaheadDelegateImpl.placeChildren(InnerNodeCoordinator.kt:98)
    at androidx.compose.ui.node.LookaheadDelegate.placeAt-f8xVGno(LookaheadDelegate.kt:156)
    at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
    at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placeable.kt:486)
    at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$default(Placeable.kt:299)
    at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:648)
    at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:647)
    at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
    at androidx.compose.ui.node.LookaheadDelegate.placeChildren(LookaheadDelegate.kt:178)
    at androidx.compose.ui.node.LookaheadDelegate.placeAt-f8xVGno(LookaheadDelegate.kt:156)
    at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
    at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50(Placeable.kt:463)
    at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50$default(Placeable.kt:231)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$placeAt$1.invoke(LayoutNodeLayoutDelegate.kt:1317)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate$placeAt$1.invoke(LayoutNodeLayoutDelegate.kt:1315)
15:03:03.514 E         at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
    at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
    at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_debug(OwnerSnapshotObserver.kt:133)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnapshotReads$ui_debug(OwnerSnapshotObserver.kt:96)
    at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnapshotReads$ui_debug$default(OwnerSnapshotObserver.kt:90)
```

```
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:1315)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.replace(LayoutNodeLayoutDelegate.kt:1552)
        at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_debug(LayoutNode.kt:935)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout-0kLqBqw(MeasureAndLayoutDelegate.kt:413)
        at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout-0kLqBqw(AndroidComposeView.android.kt:969)
        at androidx.compose.ui.node.LayoutNode.forceRemeasure(LayoutNode.kt:1230)
        at androidx.compose.foundation.lazy.LazyListState.onScroll$foundation_debug(LazyListState.kt:318)
        at androidx.compose.foundation.lazy.LazyListState$scrollableState$1.invoke(LazyListState.kt:179)
        at androidx.compose.foundation.lazy.LazyListState$scrollableState$1.invoke(LazyListState.kt:179)
        at androidx.compose.foundation.gestures.DefaultScrollableState$scrollScope$1.scrollBy(ScrollableState.kt:166)
        at androidx.compose.foundation.gestures.ScrollingLogic$dispatchScroll$performScroll$1.invoke-MK-Hz9U(Scrollable.kt:762)
        at androidx.compose.foundation.gestures.ScrollingLogic$dispatchScroll$performScroll$1.invoke(Scrollable.kt:752)
        at androidx.compose.foundation.AndroidEdgeEffectOverscrollEffect.applyToScroll-Rhakbz0(AndroidOverscroll.kt:184)
        at androidx.compose.foundation.gestures.ScrollingLogic.dispatchScroll-3eAAhYA(Scrollable.kt:778)
        at androidx.compose.foundation.gestures.ScrollDraggableState.dragBy(Scrollable.kt:886)
        at androidx.compose.foundation.gestures.DraggableNode$startListeningForEvents$1$1.invokeSuspend(Draggable.kt:326)
        at kotlin.coroutines.jvm.internal.BaseContinuationImpl.resumeWith(ContinuationImpl.kt:33)
        at kotlinx.coroutines.DispatchedTask.run(DispatchedTask.kt:106)
        at androidx.compose.ui.platform.AndroidUiDispatcher.performTrampolineDispatch(AndroidUiDispatcher.android.kt:81)
        at androidx.compose.ui.platform.AndroidUiDispatcher.access$performTrampolineDispatch(AndroidUiDispatcher.android.kt:41)
        at androidx.compose.ui.platform.AndroidUiDispatcher$dispatchCallback$1.doFrame(AndroidUiDispatcher.android.kt:68)
        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:970)
        at android.view.Choreographer.doCallbacks(Choreographer.java:796)
        at android.view.Choreographer.doFrame(Choreographer.java:727)
        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.java:957)
        at android.os.Handler.handleCallback(Handler.java:938)
        at android.os.Handler.dispatchMessage(Handler.java:99)
        at android.os.Looper.loop(Looper.java:223)
        at android.app.ActivityThread.main(ActivityThread.java:7656)
        at java.lang.reflect.Method.invoke(Native Method)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:592)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:947)
```

If we remove LookaheadScope it will not crash. Doris, could you please take a look?

Message last modified on Sep 28, 2023 12:05AM

Screen_recording_20230927_150306.webm
4.1 MB   Download

ju...@gmail.com <ju...@gmail.com> #50

I found what appears to be a related crash in our bug logs. This crash happens on a screen using a LazyVerticalStaggeredGrid and only happens occasionally (<5% of users hit it). I haven't be

Compose Version 1.5.1

Stack trace:

```
java.lang.IllegalStateException: LayoutNode should be attached to an owner
    at androidx.compose.ui.node.LayoutNodeKt.requireOwner(SourceFile:1448)
    at androidx.compose.ui.node.LayoutNode.invalidateSemantics$ui_release(SourceFile:412)
    at androidx.compose.ui.node.SemanticsModifierNodeKt.invalidateSemantics(SourceFile:92)
    at androidx.compose.foundation.text.modifiers.TextStringSimpleNode.doInvalidations
    at androidx.compose.foundation.text.modifiers.TextStringSimpleElement.update(SourceFile:56)
    at androidx.compose.foundation.text.modifiers.TextStringSimpleElement.update(SourceFile:33)
    at androidx.compose.ui.node.NodeChainKt.updateUnsafe
    at androidx.compose.ui.node.NodeChainKt.access$updateUnsafe
    at androidx.compose.ui.node.NodeChain.updateNode(SourceFile:664)
    at androidx.compose.ui.node.LayoutNode.recreateUnfoldedChildrenIfDirty(SourceFile:139)
    at androidx.compose.ui.node.NodeChain.updateFrom$ui_release
    at androidx.compose.ui.node.LayoutNode.setModifier(SourceFile:844)
    at androidx.compose.ui.node.ComposeUiNode$Companion$SetModifier$1.invoke
    at androidx.compose.ui.node.ComposeUiNode$Companion$SetModifier$1.invoke
    at androidx.compose.ui.graphics.vector.VectorComposeKt$Group$2$7.invoke$bridge(SourceFile:0)
    at androidx.compose.runtime.ComposerImpl$apply$operation$1.invoke(SourceFile:1712)
    at androidx.compose.runtime.ComposerImpl$apply$operation$1.invoke$bridge(SourceFile:0)
    at androidx.compose.runtime.ComposerImpl$apply$operation$1.invoke(SourceFile:1710)
    at androidx.compose.runtime.ComposerImpl$apply$operation$1.invoke$bridge(SourceFile:0)
    at androidx.compose.runtime.CompositionImpl.applyChangesInLocked(SourceFile:818)
    at androidx.compose.runtime.CompositionImpl.applyChanges(SourceFile:849)
    at androidx.compose.runtime.Recomposer$runRecomposeAndApplyChanges$2$1.invoke(SourceFile:625)
    at androidx.compose.runtime.Recomposer$runRecomposeAndApplyChanges$2$1.invoke(SourceFile:537)
    at androidx.compose.ui.platform.AndroidUiFrameClock$withFrameNanos$2$callback$1.doFrame(SourceFile:41)
    at androidx.compose.ui.platform.AndroidUiDispatcher.performFrameDispatch
    at androidx.compose.ui.platform.AndroidUiDispatcher.access$performFrameDispatch
    at androidx.compose.ui.platform.AndroidUiDispatcher$dispatchCallback$1.doFrame(SourceFile:69)
    at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1229)
    at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1239)
    at android.view.Choreographer.doCallbacks(Choreographer.java:899)
    at android.view.Choreographer.doFrame(Choreographer.java:827)
```

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        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.java:1214)
        at android.os.Handler.handleCallback(Handler.java:942)
        at android.os.Handler.dispatchMessage(Handler.java:99)
        at android.os.Looper.loopOnce(Looper.java:201)
        at android.os.Looper.loop(Looper.java:288)
        at android.app.ActivityThread.main(ActivityThread.java:7918)
        at java.lang.reflect.Method.invoke(Method.java)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:548)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
```

an...@google.com <an...@google.com> #51

This stack trace (with TextStringSimpleNode in it) is tracked in this bug - b/294137068,

to...@gmail.com <to...@gmail.com> #52

For this issue too I'm still completely unable to find a pattern or anything useful for a repro, this is now very rare.

Crashlytics groups a few different ones so I'll paste all of them once again in case there's something interesting in the grouping made by Crashlytics.

```
Fatal Exception: java.lang.IllegalStateException: replace() called on item that was not placed
        at androidx.compose.runtime.collection.MutableVector.forEach(MutableVector.kt:468)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.replace(LayoutNodeLayoutDelegate.kt:480)
        at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNode.kt:926)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded(MeasureAndLayoutDelegate.kt:486)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded$default(MeasureAndLayoutDelegate.kt:461)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(MeasureAndLayoutDelegate.kt:354)
        at androidx.compose.ui.platform.AndroidComposeView.onLayout(AndroidComposeView.android.kt:1074)
        at android.view.View.layout(View.java:25087)
        at android.view.ViewGroup.layout(ViewGroup.java:6835)
        at androidx.compose.ui.platform.AbstractComposeView.internalOnLayout$ui_release(ComposeView.android.kt:322)
        at androidx.compose.ui.platform.AbstractComposeView.onLayout(ComposeView.android.kt:313)
        at android.view.View.layout(View.java:25087)
        at android.view.ViewGroup.layout(ViewGroup.java:6835)
        at android.widget.FrameLayout.layoutChildren(FrameLayout.java:332)
        at android.widget.FrameLayout.onLayout(FrameLayout.java:270)
        at android.view.View.layout(View.java:25087)
        at android.view.ViewGroup.layout(ViewGroup.java:6835)
        at android.widget.LinearLayout.setChildFrame(LinearLayout.java:1829)
        at android.widget.LinearLayout.layoutVertical(LinearLayout.java:1673)
        at android.widget.LinearLayout.onLayout(LinearLayout.java:1582)
        at android.view.View.layout(View.java:25087)
        at android.view.ViewGroup.layout(ViewGroup.java:6835)
        at android.widget.FrameLayout.layoutChildren(FrameLayout.java:332)
        at android.widget.FrameLayout.onLayout(FrameLayout.java:270)
        at com.android.internal.policy.DecorView.onLayout(DecorView.java:1442)
        at android.view.View.layout(View.java:25087)
        at android.view.ViewGroup.layout(ViewGroup.java:6835)
        at android.view.ViewRootImpl.performLayout(ViewRootImpl.java:4962)
        at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:4275)
        at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:3151)
        at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:11068)
        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1321)
        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1329)
        at android.view.Choreographer.doCallbacks(Choreographer.java:930)
        at android.view.Choreographer.doFrame(Choreographer.java:859)
        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.java:1303)
        at android.os.Handler.handleCallback(Handler.java:942)
        at android.os.Handler.dispatchMessage(Handler.java:99)
        at android.os.Looper.loopOnce(Looper.java:226)
        at android.os.Looper.loop(Looper.java:313)
        at android.app.ActivityThread.main(ActivityThread.java:8810)
        at java.lang.reflect.Method.invoke(Method.java)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:604)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1067)
```

```
Fatal Exception: java.lang.IllegalStateException: replace() called on item that was not placed
        at androidx.compose.runtime.collection.MutableVector.forEach(MutableVector.kt:468)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.replace(LayoutNodeLayoutDelegate.kt:480)
        at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNode.kt:926)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout-0kLqBqw(MeasureAndLayoutDelegate.kt:413)
        at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout-0kLqBqw(AndroidComposeView.android.kt:966)
        at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$precompose$1.premeasure-0kLqBqw(SubcomposeLayout.kt:802)
        at androidx.compose.foundation.lazy.layout.LazyLayoutPrefetcher.run(LazyLayoutPrefetcher.android.kt:195)
        at android.os.Handler.handleCallback(Handler.java:942)
        at android.os.Handler.dispatchMessage(Handler.java:99)
        at android.os.Looper.loopOnce(Looper.java:201)
```

```
        at android.os.Looper.loop(Looper.java:288)
        at android.app.ActivityThread.main(ActivityThread.java:7918)
        at java.lang.reflect.Method.invoke(Method.java)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:548)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)


Fatal Exception: java.lang.IllegalStateException: LayoutNode should be attached to an owner
        at androidx.compose.ui.node.LayoutNodeKt.requireOwner(LayoutNode.kt:1458)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeOuterCoordinator-f8xVGno(LayoutNodeLayoutDelegate.kt:730)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:714)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM(Placeable.kt:489)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM$default(Placeable.kt:320)
        at androidx.compose.foundation.lazy.grid.LazyGridMeasuredItem.place(LazyGridMeasuredItem.kt:154)
        at androidx.compose.foundation.lazy.grid.LazyGridMeasureKt$measureLazyGrid$6.invoke(LazyGridMeasure.kt:287)
        at androidx.compose.foundation.lazy.grid.LazyGridMeasureKt$measureLazyGrid$6.invoke(LazyGridMeasure.kt:286)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.foundation.lazy.grid.LazyGridMeasureResult.placeChildren(LazyGridMeasureResult.kt)
        at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePolicy$1$measure-3p2s80s$$inlined$createMeasureResult$1.placeChildren(Sub
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$layoutChildrenBlock$1.invoke(LayoutNodeLayoutDelegate.kt:364)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$layoutChildrenBlock$1.invoke(LayoutNodeLayoutDelegate.kt:359)
        at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads$ui_release(OwnerSnapshotObserver.kt:83)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.layoutChildren(LayoutNodeLayoutDelegate.kt:392)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.onNodePlaced$ui_release(LayoutNodeLayoutDelegate.kt:548)
        at androidx.compose.ui.node.InnerNodeCoordinator.placeAt-f8xVGno(InnerNodeCoordinator.kt:160)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place(Placeable.kt:460)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place$default(Placeable.kt:218)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2$1.invoke(AndroidOverscroll.kt:589)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2$1.invoke(AndroidOverscroll.kt:588)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placeable.kt:486)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$default(Placeable.kt:299)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1$1.invoke(AndroidOverscroll.kt:577)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1$1.invoke(AndroidOverscroll.kt:570)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
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        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$default(Placeable.kt:299)
        at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:648)
        at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:647)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50(Placeable.kt:463)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$placeOuterCoordinatorBlock$1.invoke(LayoutNodeLayoutDelegate.kt:486)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$placeOuterCoordinatorBlock$1.invoke(LayoutNodeLayoutDelegate.kt:482)
        at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnapshotReads$ui_release(OwnerSnapshotObserver.kt:98)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeOuterCoordinator-f8xVGno(LayoutNodeLayoutDelegate.kt:740)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:714)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50(Placeable.kt:463)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50$default(Placeable.kt:231)
        at androidx.compose.foundation.layout.BoxKt.placeInBox(Box.kt:185)
        at androidx.compose.foundation.layout.BoxKt.access$placeInBox(Box.kt:1)
        at androidx.compose.foundation.layout.BoxKt$boxMeasurePolicy$1$5.invoke(Box.kt:166)
        at androidx.compose.foundation.layout.BoxKt$boxMeasurePolicy$1$5.invoke(Box.kt:162)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
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        at androidx.compose.ui.node.InnerNodeCoordinator.placeAt-f8xVGno(InnerNodeCoordinator.kt:160)
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at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeRelative(Placeable.kt:452)
at androidx.compose.ui.layout.Placeable$PlacementScope.placeRelative$default(Placeable.kt:204)
at androidx.compose.foundation.layout.FillNode$measure$1.invoke(Size.kt:704)
at androidx.compose.foundation.layout.FillNode$measure$1.invoke(Size.kt:703)
at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
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at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeOuterCoordinator-f8xVGno(LayoutNodeLayoutDelegate.kt:740)
at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.replace(LayoutNodeLayoutDelegate.kt:759)
at androidx.compose.ui.node.LayoutNode.replace$ui_release(LayoutNode.kt:917)
at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded(MeasureAndLayoutDelegate.kt:495)
at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded$default(MeasureAndLayoutDelegate.kt:461)
at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(MeasureAndLayoutDelegate.kt:354)
at androidx.compose.ui.platform.AndroidComposeView.onLayout(AndroidComposeView.android.kt:1074)
at android.view.View.layout(View.java:24969)
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at android.view.View.layout(View.java:24969)
at android.view.ViewGroup.layout(ViewGroup.java:6784)
at android.widget.LinearLayout.setChildFrame(LinearLayout.java:1829)
at android.widget.LinearLayout.layoutVertical(LinearLayout.java:1673)
at android.widget.LinearLayout.onLayout(LinearLayout.java:1582)
at android.view.View.layout(View.java:24969)
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at android.widget.FrameLayout.onLayout(FrameLayout.java:270)
at com.android.internal.policy.DecorView.onLayout(DecorView.java:1431)
at android.view.View.layout(View.java:24969)
at android.view.ViewGroup.layout(ViewGroup.java:6784)
at android.view.ViewRootImpl.performLayout(ViewRootImpl.java:4917)
at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:4240)
at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:3116)
at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:10885)
at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1301)
at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1309)
at android.view.Choreographer.doCallbacks(Choreographer.java:923)
at android.view.Choreographer.doFrame(Choreographer.java:852)
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        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.java:1283)
        at android.os.Handler.handleCallback(Handler.java:942)
        at android.os.Handler.dispatchMessage(Handler.java:99)
        at android.os.Looper.loopOnce(Looper.java:226)
        at android.os.Looper.loop(Looper.java:313)
        at android.app.ActivityThread.main(ActivityThread.java:8762)
        at java.lang.reflect.Method.invoke(Method.java)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:604)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1067)


Fatal Exception: java.lang.IllegalStateException: LayoutNode should be attached to an owner
        at androidx.compose.ui.node.LayoutNodeKt.requireOwner(LayoutNode.kt:1458)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeOuterCoordinator-f8xVGno(LayoutNodeLayoutDelegate.kt:730)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:714)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM(Placeable.kt:489)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer-aW-9-wM$default(Placeable.kt:320)
        at androidx.compose.foundation.lazy.LazyListMeasuredItem.place(LazyListMeasuredItem.kt:182)
        at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$8.invoke(LazyListMeasure.kt:353)
        at androidx.compose.foundation.lazy.LazyListMeasureKt$measureLazyList$8.invoke(LazyListMeasure.kt:350)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.foundation.lazy.LazyListMeasureResult.placeChildren(LazyListMeasureResult.kt)
        at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePolicy$1$measure-3p2s80s$$inlined$createMeasureResult$1.placeChildren(Sub
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$layoutChildrenBlock$1.invoke(LayoutNodeLayoutDelegate.kt:364)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$layoutChildrenBlock$1.invoke(LayoutNodeLayoutDelegate.kt:359)
        at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads$ui_release(OwnerSnapshotObserver.kt:83)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.layoutChildren(LayoutNodeLayoutDelegate.kt:392)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.onNodePlaced$ui_release(LayoutNodeLayoutDelegate.kt:548)
        at androidx.compose.ui.node.InnerNodeCoordinator.placeAt-f8xVGno(InnerNodeCoordinator.kt:160)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place(Placeable.kt:460)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place$default(Placeable.kt:218)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2$1.invoke(AndroidOverscroll.kt:589)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$2$1.invoke(AndroidOverscroll.kt:588)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placeable.kt:486)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$default(Placeable.kt:299)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1$1.invoke(AndroidOverscroll.kt:577)
        at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClippingLayer$1$1.invoke(AndroidOverscroll.kt:570)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer(Placeable.kt:486)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeWithLayer$default(Placeable.kt:299)
        at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:648)
        at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier$measure$1.invoke(GraphicsLayerModifier.kt:647)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50(Placeable.kt:463)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$placeOuterCoordinatorBlock$1.invoke(LayoutNodeLayoutDelegate.kt:486)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$placeOuterCoordinatorBlock$1.invoke(LayoutNodeLayoutDelegate.kt:482)
        at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnapshotReads$ui_release(OwnerSnapshotObserver.kt:98)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeOuterCoordinator-f8xVGno(LayoutNodeLayoutDelegate.kt:740)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeAt-f8xVGno(LayoutNodeLayoutDelegate.kt:714)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50(Placeable.kt:463)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50$default(Placeable.kt:231)
        at androidx.compose.foundation.layout.BoxKt.placeInBox(Box.kt:185)
        at androidx.compose.foundation.layout.BoxKt.access$placeInBox(Box.kt:1)
        at androidx.compose.foundation.layout.BoxKt$boxMeasurePolicy$1$5.invoke(Box.kt:166)
        at androidx.compose.foundation.layout.BoxKt$boxMeasurePolicy$1$5.invoke(Box.kt:162)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$layoutChildrenBlock$1.invoke(LayoutNodeLayoutDelegate.kt:364)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$layoutChildrenBlock$1.invoke(LayoutNodeLayoutDelegate.kt:359)
        at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
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        at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutSnapshotReads$ui_release(OwnerSnapshotObserver.kt:83)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.layoutChildren(LayoutNodeLayoutDelegate.kt:392)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.onNodePlaced$ui_release(LayoutNodeLayoutDelegate.kt:548)
        at androidx.compose.ui.node.InnerNodeCoordinator.placeAt-f8xVGno(InnerNodeCoordinator.kt:160)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeRelative(Placeable.kt:452)
        at androidx.compose.ui.layout.Placeable$PlacementScope.placeRelative$default(Placeable.kt:204)
        at androidx.compose.foundation.layout.FillNode$measure$1.invoke(Size.kt:704)
        at androidx.compose.foundation.layout.FillNode$measure$1.invoke(Size.kt:703)
        at androidx.compose.ui.layout.MeasureScope$layout$1.placeChildren(MeasureScope.kt:70)
        at androidx.compose.ui.node.LayoutModifierNodeCoordinator.placeAt-f8xVGno(LayoutModifierNodeCoordinator.kt:172)
        at androidx.compose.ui.layout.Placeable.access$placeAt-f8xVGno(Placeable.kt:34)
        at androidx.compose.ui.layout.Placeable$PlacementScope.place-70tqf50(Placeable.kt:463)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$placeOuterCoordinatorBlock$1.invoke(LayoutNodeLayoutDelegate.kt:486)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate$placeOuterCoordinatorBlock$1.invoke(LayoutNodeLayoutDelegate.kt:482)
        at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt:2303)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap.observe(SnapshotStateObserver.kt:496)
        at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(SnapshotStateObserver.kt:256)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(OwnerSnapshotObserver.kt:133)
        at androidx.compose.ui.node.OwnerSnapshotObserver.observeLayoutModifierSnapshotReads$ui_release(OwnerSnapshotObserver.kt:98)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.placeOuterCoordinator-f8xVGno(LayoutNodeLayoutDelegate.kt:740)
        at androidx.compose.ui.node.LayoutNodeLayoutDelegate$MeasurePassDelegate.replace(LayoutNodeLayoutDelegate.kt:759)
        at androidx.compose.ui.node.LayoutNode.replace$ui_release(LayoutNode.kt:917)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded(MeasureAndLayoutDelegate.kt:495)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfNeeded$default(MeasureAndLayoutDelegate.kt:461)
        at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(MeasureAndLayoutDelegate.kt:354)
        at androidx.compose.ui.platform.AndroidComposeView.onLayout(AndroidComposeView.android.kt:1074)
        at android.view.View.layout(View.java:24969)
        at android.view.ViewGroup.layout(ViewGroup.java:6784)
        at androidx.compose.ui.platform.AbstractComposeView.internalOnLayout$ui_release(ComposeView.android.kt:322)
        at androidx.compose.ui.platform.AbstractComposeView.onLayout(ComposeView.android.kt:313)
        at android.view.View.layout(View.java:24969)
        at android.view.ViewGroup.layout(ViewGroup.java:6784)
        at android.widget.FrameLayout.layoutChildren(FrameLayout.java:332)
        at android.widget.FrameLayout.onLayout(FrameLayout.java:270)
        at android.view.View.layout(View.java:24969)
        at android.view.ViewGroup.layout(ViewGroup.java:6784)
        at android.widget.LinearLayout.setChildFrame(LinearLayout.java:1829)
        at android.widget.LinearLayout.layoutVertical(LinearLayout.java:1673)
        at android.widget.LinearLayout.onLayout(LinearLayout.java:1582)
        at android.view.View.layout(View.java:24969)
        at android.view.ViewGroup.layout(ViewGroup.java:6784)
        at android.widget.FrameLayout.layoutChildren(FrameLayout.java:332)
        at android.widget.FrameLayout.onLayout(FrameLayout.java:270)
        at com.android.internal.policy.DecorView.onLayout(DecorView.java:1431)
        at android.view.View.layout(View.java:24969)
        at android.view.ViewGroup.layout(ViewGroup.java:6784)
        at android.view.ViewRootImpl.performLayout(ViewRootImpl.java:4917)
        at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:4240)
        at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:3116)
        at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:10885)
        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1301)
        at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1309)
        at android.view.Choreographer.doCallbacks(Choreographer.java:923)
        at android.view.Choreographer.doFrame(Choreographer.java:852)
        at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.java:1283)
        at android.os.Handler.handleCallback(Handler.java:942)
        at android.os.Handler.dispatchMessage(Handler.java:99)
        at android.os.Looper.loopOnce(Looper.java:226)
        at android.os.Looper.loop(Looper.java:313)
        at android.app.ActivityThread.main(ActivityThread.java:8762)
        at java.lang.reflect.Method.invoke(Method.java)
        at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:604)
        at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1067)
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Fatal Exception: java.lang.IllegalStateException: visitLocalDescendants called on an unattached node
        at androidx.compose.ui.node.NodeCoordinator.shouldSharePointerInputWithSiblings(NodeCoordinator.kt:1675)
        at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:222)
        at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:578)
        at androidx.compose.ui.node.NodeCoordinator.access$hit-1hIXUjU(NodeCoordinator.kt:54)
        at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:582)
        at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:580)
        at androidx.compose.ui.node.HitTestResult.hitInMinimumTouchTarget(HitTestResult.kt:117)
        at androidx.compose.ui.node.HitTestResult.hit(HitTestResult.kt:97)
        at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:580)
        at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:529)
        at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
        at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
        at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
```

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at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:578)
at androidx.compose.ui.node.NodeCoordinator.access$hit-1hIXUjU(NodeCoordinator.kt:54)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:582)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:580)
at androidx.compose.ui.node.HitTestResult.hitInMinimumTouchTarget(HitTestResult.kt:117)
at androidx.compose.ui.node.HitTestResult.hit(HitTestResult.kt:97)
at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:580)
at androidx.compose.ui.node.NodeCoordinator.access$hit-1hIXUjU(NodeCoordinator.kt:54)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:582)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:580)
at androidx.compose.ui.node.HitTestResult.hitInMinimumTouchTarget(HitTestResult.kt:117)
at androidx.compose.ui.node.HitTestResult.hit(HitTestResult.kt:97)
at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:580)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:529)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:578)
at androidx.compose.ui.node.NodeCoordinator.access$hit-1hIXUjU(NodeCoordinator.kt:54)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:582)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:580)
at androidx.compose.ui.node.HitTestResult.hitInMinimumTouchTarget(HitTestResult.kt:117)
at androidx.compose.ui.node.HitTestResult.hit(HitTestResult.kt:97)
at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:580)
at androidx.compose.ui.node.NodeCoordinator.access$hit-1hIXUjU(NodeCoordinator.kt:54)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:582)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:580)
at androidx.compose.ui.node.HitTestResult.hitInMinimumTouchTarget(HitTestResult.kt:117)
at androidx.compose.ui.node.HitTestResult.hit(HitTestResult.kt:97)
at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:580)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:529)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
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at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
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at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
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at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
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at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
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at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
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at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
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at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
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at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:582)
at androidx.compose.ui.node.NodeCoordinator$hit$1.invoke(NodeCoordinator.kt:580)
at androidx.compose.ui.node.HitTestResult.hitInMinimumTouchTarget(HitTestResult.kt:117)
at androidx.compose.ui.node.HitTestResult.hit(HitTestResult.kt:97)
at androidx.compose.ui.node.NodeCoordinator.hit-1hIXUjU(NodeCoordinator.kt:580)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:529)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.NodeCoordinator.hitTestChild-YqVAtuI(NodeCoordinator.kt:678)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.NodeCoordinator$Companion$PointerInputSource$1.childHitTest-YqVAtuI(NodeCoordinator.java:1225)
at androidx.compose.ui.node.InnerNodeCoordinator.hitTestChild-YqVAtuI(InnerNodeCoordinator.kt:210)
at androidx.compose.ui.node.NodeCoordinator.hitTest-YqVAtuI(NodeCoordinator.kt:526)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release(LayoutNode.kt:951)
at androidx.compose.ui.node.LayoutNode.hitTest-M_7yMNQ$ui_release$default(LayoutNode.kt:944)
at androidx.compose.ui.input.pointer.PointerInputEventProcessor.process-BIzXfog(PointerInputEventProcessor.kt:99)
at androidx.compose.ui.platform.AndroidComposeView.sendMotionEvent-8iAsVTc(AndroidComposeView.android.kt:1549)
at androidx.compose.ui.platform.AndroidComposeView.handleMotionEvent-8iAsVTc(AndroidComposeView.android.kt:1500)
at androidx.compose.ui.platform.AndroidComposeView.dispatchTouchEvent(AndroidComposeView.android.kt:1439)
at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3812)
at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:3435)
at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3812)
at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:3435)
at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3812)
at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:3435)
at android.view.ViewGroup.dispatchTransformedTouchEvent(ViewGroup.java:3812)
at android.view.ViewGroup.dispatchTouchEvent(ViewGroup.java:3435)
at com.android.internal.policy.DecorView.superDispatchTouchEvent(DecorView.java:767)
at com.android.internal.policy.PhoneWindow.superDispatchTouchEvent(PhoneWindow.java:1881)
at android.app.Activity.dispatchTouchEvent(Activity.java:3501)
at com.android.internal.policy.DecorView.dispatchTouchEvent(DecorView.java:719)
at android.view.View.dispatchPointerEvent(View.java:13734)
at android.view.ViewRootImpl$ViewPostImeInputStage.processPointerEvent(ViewRootImpl.java:6244)
at android.view.ViewRootImpl$ViewPostImeInputStage.onProcess(ViewRootImpl.java:6022)
at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:5471)
at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:5524)
at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:5490)
at android.view.ViewRootImpl$AsyncInputStage.forward(ViewRootImpl.java:5649)
at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:5498)
```

```
    at android.view.ViewRootImpl$AsyncInputStage.apply(ViewRootImpl.java:5706)
    at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:5471)
    at android.view.ViewRootImpl$InputStage.onDeliverToNext(ViewRootImpl.java:5524)
    at android.view.ViewRootImpl$InputStage.forward(ViewRootImpl.java:5490)
    at android.view.ViewRootImpl$InputStage.apply(ViewRootImpl.java:5498)
    at android.view.ViewRootImpl$InputStage.deliver(ViewRootImpl.java:5471)
    at android.view.ViewRootImpl.deliverInputEvent(ViewRootImpl.java:8628)
    at android.view.ViewRootImpl.doProcessInputEvents(ViewRootImpl.java:8477)
    at android.view.ViewRootImpl.enqueueInputEvent(ViewRootImpl.java:8430)
    at android.view.ViewRootImpl$WindowInputEventReceiver.onInputEvent(ViewRootImpl.java:8743)
    at android.view.InputEventReceiver.dispatchInputEvent(InputEventReceiver.java:198)
    at android.os.MessageQueue.nativePollOnce(MessageQueue.java)
    at android.os.MessageQueue.next(MessageQueue.java:326)
    at android.os.Looper.loop(Looper.java:183)
    at android.app.ActivityThread.main(ActivityThread.java:7266)
    at java.lang.reflect.Method.invoke(Method.java)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:494)
    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:975)
```

ti...@google.com <ti...@google.com> #53

Thanks for the repro Andrey. The snippet in comment #49 was very helpful. :)

Upon investigation, I found the root cause for crash `java.lang.IllegalStateException: replace() called on item that was not placed.` A bug in the lookahead pass in LazyList is

The other crashes are unlikely related to it.

Message last modified on Oct 14, 2023 05:17AM

ti...@google.com <ti...@google.com>

Accepted by ti...@google.com.

co...@protonmail.com <co...@protonmail.com> #54

FWIW, I only encountered this in prod after recently updating all of my compose dependencies and bumping up to sdk 34. Please let me know what release the fix goes in so i can ship to my

ap...@google.com <ap...@google.com> #55

Project: platform/frameworks/support
Branch: androidx-main

commit 93632b3db207e1a1f91eceece98011eae6313ac9
Author: Doris Liu <tianliu@google.com>
Date: Fri Oct 06 10:58:56 2023

    Avoid duplicated items in lazy list during lookahead

    Also updated the target position for item placement
    animation to account for item spacing when lookahead
    is not present. This change makes the target calculation
    more consistent (though not the same) across the two
    passes.

    Test: Added lookahead variants for pinnable container
    tests.

    Bug: 295745063
    Change-Id: I7fa6b84854ecb922bb80a32867243729261b9c8f

M   compose/foundation/foundation/src/androidInstrumentedTest/kotlin/androidx/compose/foundation/lazy/list/LazyListItemPlacementAnimationTest.kt
M   compose/foundation/foundation/src/androidInstrumentedTest/kotlin/androidx/compose/foundation/lazy/list/LazyListPinnableContainerTest.kt
M   compose/foundation/foundation/src/commonMain/kotlin/androidx/compose/foundation/lazy/LazyListItemAnimator.kt
M   compose/foundation/foundation/src/commonMain/kotlin/androidx/compose/foundation/lazy/LazyListMeasure.kt

https://android-review.googlesource.com/2776191

mr...@gmail.com <mr...@gmail.com> #56

Which version will the fix end up in?

to...@gmail.com <to...@gmail.com> #57

Don't be too impatient :)

Doris / Andrey I've updated to Snapshot 10934060 to test things and there's now new crashes when removing items.

Very simple code:

```
var sources by mutableStateOf<List<MediaItem>>(emptyList())

launch {
  sources = mediaProvider?.getFileSources(MediaType.Music, application) ?: emptyList()
}
items(sources) {
}
```

Remove an item from the list and crash: (Don't know if it's related to those changes or not) No crash with 1.6 alpha 7

```
java.lang.IndexOutOfBoundsException: Index 6, size 6
                                                                      at androidx.compose.foundation.lazy.layout.MutableIntervalList.checkIndexBou
                                                                      at androidx.compose.foundation.lazy.layout.MutableIntervalList.get(IntervalL
                                                                      at androidx.compose.foundation.lazy.layout.LazyLayoutIntervalContent.getKey(
                                                                      at androidx.compose.foundation.lazy.LazyListItemProviderImpl.getKey(LazyList
                                                                      at androidx.compose.foundation.lazy.LazyListMeasuredItemProvider.getAndMeasu
                                                                      at androidx.compose.foundation.lazy.LazyListMeasureKt.createItemsAfterList(L
                                                                      at androidx.compose.foundation.lazy.LazyListMeasureKt.measureLazyList-50ZNEM
                                                                      at androidx.compose.foundation.lazy.LazyListKt$rememberLazyListMeasurePolicy
                                                                      at androidx.compose.foundation.lazy.LazyListKt$rememberLazyListMeasurePolicy
                                                                      at androidx.compose.foundation.lazy.layout.LazyLayoutKt$LazyLayout$3$2$1.inv
                                                                      at androidx.compose.foundation.lazy.layout.LazyLayoutKt$LazyLayout$3$2$1.inv
                                                                      at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$createMeasurePo
                                                                      at androidx.compose.ui.node.InnerNodeCoordinator$LookaheadDelegateImpl.measu
                                                                      at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                      at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                      at androidx.compose.ui.layout.LayoutModifierImpl.measure-3p2s80s(LayoutModif
                                                                      at androidx.compose.ui.node.LayoutModifierNodeCoordinator$LookaheadDelegateF
                                                                      at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                      at androidx.compose.foundation.AndroidOverscrollKt$StretchOverscrollNonClipp
                                                                      at androidx.compose.ui.layout.LayoutModifierImpl.measure-3p2s80s(LayoutModif
                                                                      at androidx.compose.ui.node.LayoutModifierNodeCoordinator$LookaheadDelegateF
                                                                      at androidx.compose.ui.graphics.SimpleGraphicsLayerModifier.measure-3p2s80s(
                                                                      at androidx.compose.ui.node.LayoutModifierNodeCoordinator$LookaheadDelegateF
                                                                      at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure
                                                                      at androidx.compose.ui.node.LayoutNodeLayoutDelegate$performLookaheadMeasure
                                                                      at androidx.compose.runtime.snapshots.Snapshot$Companion.observe(Snapshot.kt
                                                                      at androidx.compose.runtime.snapshots.SnapshotStateObserver$ObservedScopeMap
                                                                      at androidx.compose.runtime.snapshots.SnapshotStateObserver.observeReads(Sna
                                                                      at androidx.compose.ui.node.OwnerSnapshotObserver.observeReads$ui_release(Ow
                                                                      at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotRead
                                                                      at androidx.compose.ui.node.OwnerSnapshotObserver.observeMeasureSnapshotRead
                                                                      at androidx.compose.ui.node.LayoutNodeLayoutDelegate.performLookaheadMeasure
                                                                      at androidx.compose.ui.node.LayoutNodeLayoutDelegate.access$performLookahead
17:09:26.685 AndroidRuntime          app.symfonik.music.player.debug      E    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.r
                                                                      at androidx.compose.ui.node.LayoutNode.lookaheadRemeasure-_Sx5X1M$ui_release
                                                                      at androidx.compose.ui.node.LayoutNode.lookaheadRemeasure-_Sx5X1M$ui_release
                                                                      at androidx.compose.ui.node.MeasureAndLayoutDelegate.doLookaheadRemeasure-sd
                                                                      at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                                      at androidx.compose.ui.node.MeasureAndLayoutDelegate.remeasureAndRelayoutIfN
                                                                      at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout(Measur
                                                                      at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout(AndroidC
                                                                      at androidx.compose.ui.node.Owner.measureAndLayout$default(Owner.kt:230)
                                                                      at androidx.compose.ui.platform.AndroidComposeView.dispatchDraw(AndroidCompo
                                                                      at android.view.View.draw(View.java:23892)
                                                                      at android.view.View.updateDisplayListIfDirty(View.java:22756)
                                                                      at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4540)
                                                                      at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4513)
                                                                      at android.view.View.updateDisplayListIfDirty(View.java:22712)
                                                                      at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4540)
                                                                      at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4513)
                                                                      at android.view.View.updateDisplayListIfDirty(View.java:22712)
                                                                      at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4540)
                                                                      at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4513)
                                                                      at android.view.View.updateDisplayListIfDirty(View.java:22712)
                                                                      at android.view.ViewGroup.recreateChildDisplayList(ViewGroup.java:4540)
                                                                      at android.view.ViewGroup.dispatchGetDisplayList(ViewGroup.java:4513)
                                                                      at android.view.View.updateDisplayListIfDirty(View.java:22712)
                                                                      at android.view.ThreadedRenderer.updateViewTreeDisplayList(ThreadedRenderer.
                                                                      at android.view.ThreadedRenderer.updateRootDisplayList(ThreadedRenderer.java
                                                                      at android.view.ThreadedRenderer.draw(ThreadedRenderer.java:798)
                                                                      at android.view.ViewRootImpl.draw(ViewRootImpl.java:4939)
                                                                      at android.view.ViewRootImpl.performDraw(ViewRootImpl.java:4643)
                                                                      at android.view.ViewRootImpl.performTraversals(ViewRootImpl.java:3822)
                                                                      at android.view.ViewRootImpl.doTraversal(ViewRootImpl.java:2465)
                                                                      at android.view.ViewRootImpl$TraversalRunnable.run(ViewRootImpl.java:9305)
                                                                      at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1339)
```

```
                                          at android.view.Choreographer$CallbackRecord.run(Choreographer.java:1348)
                                          at android.view.Choreographer.doCallbacks(Choreographer.java:952)
                                          at android.view.Choreographer.doFrame(Choreographer.java:882)
                                          at android.view.Choreographer$FrameDisplayEventReceiver.run(Choreographer.ja
                                          at android.os.Handler.handleCallback(Handler.java:958)
                                          at android.os.Handler.dispatchMessage(Handler.java:99)
                                          at android.os.Looper.loopOnce(Looper.java:205)
                                          at android.os.Looper.loop(Looper.java:294)
                                          at android.app.ActivityThread.main(ActivityThread.java:8177)
                                          at java.lang.reflect.Method.invoke(Native Method)
                                          at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.j
                                          at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:971)
```

an...@google.com <an...@google.com> #58

Is the sources state write happing on some background thread? Can you still reproduce it if you only update the state from the main thread?

---

to...@gmail.com <to...@gmail.com> #59

No it's done on mainthread.

```
LaunchedEffect(xxx) {
        viewModel.loadSources()
}

    suspend fun loadSources() {
        sources= some suspendcall that may or not change thread
    }
```

this is current code, the update happens on mainthread AFAIK.

---

an...@google.com <an...@google.com> #60

We were aware about some possible issues related to threading, but we don't know how to reproduce this crash when the updates are happening on main thread. Maybe it was introduced in

---

to...@gmail.com <to...@gmail.com> #61

I have not yet debugged that one just found out

This happen on a simple Screen so I may be able to allocate time to repro next week.

Never happened before on that screen without any changes of code related except updating from a7 to snapshot.

---

to...@gmail.com <to...@gmail.com> #62

And forget to tell but it's 100% repro, remove lead to crash each time. Adding item works. Removing the just added crash.

---

to...@gmail.com <to...@gmail.com> #63

Do you have the snaphot number for https://android-review.googlesource.com/2776191 ?

And do you think there a way to have the builds link https://android-build.googleplex.com/builds/sha-search/I7fa6b84854ecb922bb80a32867243729261b9c8f?ref=gerrit&host=android&proj

---

ti...@google.com <ti...@google.com> #64

Re comment #57

Thanks for reporting the issue. I was able to reproduce it. This is indeed introduced by the recently merged CL. Will upload a fix.

Message last modified on Oct 14, 2023 05:15AM

---

to...@gmail.com <to...@gmail.com> #65

Thanks. For the record the emails are hidden by default to other users so you should probably not paste them like that for privacy.

---

ti...@google.com <ti...@google.com> #66

Re comment #65

Thanks for pointing that out. Updated posts.

ti...@google.com <ti...@google.com> #67

Re comment #63, unfortunately we don't have a publicly accessible tool to search for builds based on change id.

---

to...@gmail.com <to...@gmail.com> #68

Yes I know but as Windows user that can't build Androidx, bisect are just impossible without that would be nice if there was a way to escalate the request.

---

ti...@google.com <ti...@google.com> #69

Please file a feature request.

For the time-being, you could ask in the bug for the specific snapshot #. Here's where you can find the artifacts for the change in comment #55: https://ci.android.com/builds/submitted/109

---

to...@gmail.com <to...@gmail.com> #70

Opened https://issuetracker.google.com/issues/305215970 but doing bug reports since 12 years on this tracker, the first step is always to be triaged and have the proper person affected.

Being autonomous to find the regression allows to name the proper person and increase triage success rate by 99%.

For example https://issuetracker.google.com/issues/300134177 is probably for you, and will stay there untriaged until the end of times.

Or https://issuetracker.google.com/issues/282025223 that I was asked to open on Slack + gave the link to the Googler asking to post, absolutely 0 reaction since May ...

Even when I can have someone manually triage the issue like https://issuetracker.google.com/issues/267194796 there's no reaction too ;)

Reporting issue is all but pain for mortals like us, so anything that can help us is a big win for the few of us who keep motivation to help after all that time.

Sorry for the new rant, but if https://issuetracker.google.com/issues/300134177 is for you and you have time to check, I'd love to improve my animations for that part.

---

ti...@google.com <ti...@google.com> #71

Re comment #70:

I replied/rerouted most of the bugs linked in #70. Thanks for bringing them to my attention. Please be patient as we plow through a considerable amount of bugs. As much as we'd like, not a

---

ap...@google.com <ap...@google.com> #72

Project: platform/frameworks/support
Branch: androidx-main

commit 7ea8297e638b31587bc9caeecea93280a3d4ce56
Author: Doris Liu <tianliu@google.com>
Date: Fri Oct 13 10:53:26 2023

    Check item count before retaining items from last post-lookahead

    Bug: 295745063
    Test: Lookahead variant is added to existing tests that covered the
       intended behavior
    Change-Id: If4a5f3989b564cda98b7d2a011dde5f636798f26

M   compose/foundation/foundation/src/androidInstrumentedTest/kotlin/androidx/compose/foundation/lazy/list/LazyColumnTest.kt
M   compose/foundation/foundation/src/commonMain/kotlin/androidx/compose/foundation/lazy/LazyListMeasure.kt

https://android-review.googlesource.com/2788274

---

to...@gmail.com <to...@gmail.com> #73

About #71 just to be clear but I have no problem with resolution durations or closing issues with won't implement or any other actual things that can happen with issues.

My issue is that there's 0, none, nada triage at all and most of the issues are just ignored unless I ping someone to triage. Something I try to do when they are really important issues, but no r
same it's bad to have to do that in completely unrelated issues. I just jumped on the remark that we should ask for buildId in the issues, but there's no one to answer there until we already kno

All I ask is that issues are triaged and we get a, it's an issue, it's not an issue, we need more details, ... From an actual person that understand the issue and not a random guy asking for a full

R8 Team have a lot less reports of course, but they really manage this perfectly and it's a pleasure to report issues there. And I always take the necessary time to report because I know it's no

Anyway end of the rant :) Will test Monday with you last commit and report back.

---

to...@gmail.com <to...@gmail.com> #74

So yes no more crash on item removal with that last commit.

Will start my new beta with a snapshot that contains this and all the other fixes and report back if I still see some of the errors that should be fixed.

I've duplicated the gerrit / CI issue at https://issuetracker.google.com/issues/305750927, but can't close the original one https://issuetracker.google.com/issues/305215970 maybe you have

---

to...@gmail.com <to...@gmail.com> #75

So with snapshot 10950357 still got some crashlytics reports.

```
Fatal Exception: java.lang.IllegalStateException: replace() called on item that was not placed
    at androidx.compose.runtime.collection.MutableVector.forEach(MutableVector.kt:467)
    at androidx.compose.ui.node.LayoutNodeLayoutDelegate$LookaheadPassDelegate.replace(LayoutNodeLayoutDelegate.kt:525)
    at androidx.compose.ui.node.LayoutNode.lookaheadReplace$ui_release(LayoutNode.kt:923)
    at androidx.compose.ui.node.MeasureAndLayoutDelegate.measureAndLayout-0kLqBqw(MeasureAndLayoutDelegate.kt:415)
    at androidx.compose.ui.platform.AndroidComposeView.measureAndLayout-0kLqBqw(AndroidComposeView.android.kt:984)
    at androidx.compose.ui.layout.LayoutNodeSubcompositionsState$precompose$1.premeasure-0kLqBqw(SubcomposeLayout.kt:806)
    at androidx.compose.foundation.lazy.layout.LazyLayoutPrefetcher.run(LazyLayoutPrefetcher.android.kt:195)
    at android.os.Handler.handleCallback(Handler.java:938)
    at android.os.Handler.dispatchMessage(Handler.java:99)
    at android.os.Looper.loopOnce(Looper.java:201)
    at android.os.Looper.loop(Looper.java:288)
    at android.app.ActivityThread.main(ActivityThread.java:7883)
    at java.lang.reflect.Method.invoke(Method.java)
    at com.android.internal.os.RuntimeInit$MethodAndArgsCaller.run(RuntimeInit.java:548)
    at com.android.internal.os.ZygoteInit.main(ZygoteInit.java:1009)
```

I do not have any navigation logs attached it crashes nearly just after a session start and if there's no navigation events it suggest that it's after a state restore from app background kill.