



Overlay Compose View is not visible after removed and added again (Service, WindowManager)

+1²

Hotlists

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Assigned

Bug

P4

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STATUS UPDATE No update yet.

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DESCRIPTION tr...@gmail.com created issue #1

Jetpack Compose version: 1.5.0

Jetpack Compose component(s) used: "androidx.compose.foundation:foundation:1.5.0"

Android Studio Build: #AI-223.8836.35.2231.10406996, built on June 29, 2023

Kotlin version: 1.7.20

Behavior:

when I remove the compose view and add again, it's not show anything. Like in the video below, when I click popBack button from the expanded view, the small bubble is expected to show again.

Steps to Reproduce or Code Sample to Reproduce:

- 1. upgrade compose version from 1.3.1 to 1.5.0, in my case androidx.compose.foundation:foundation (or from 1.3.1 to 1.4.x)
- 2. code sample, you can see more information here [↗ Floating-Bubble-View](#)

```
internal class ComposeLifecycleOwner : SavedStateRegistryOwner, ViewModelStoreOwner {

    private var _view: View? = null
    private var recomposer: Recomposer? = null
    private var runRecomposeScope: CoroutineScope? = null
    private var coroutineContext: CoroutineContext? = null

    init {
        coroutineContext = AndroidUiDispatcher.CurrentThread
    }

    fun onCreate() {

        savedStateRegistryController.performRestore(null)
        lifecycleRegistry.handleLifecycleEvent(Lifecycle.Event.ON_CREATE)

        runRecomposeScope?.cancel()

        runRecomposeScope = CoroutineScope(coroutineContext!!)
        recomposer = Recomposer(coroutineContext!!)
        _view?.compositionContext = recomposer

        runRecomposeScope!!.launch {
            recomposer!!.runRecomposeAndApplyChanges()
        }
    }

    fun onStart() {
        try {
            lifecycleRegistry.handleLifecycleEvent(Lifecycle.Event.ON_START)
        } catch (e: Exception) {
            /**
             * java_vm_ext.cc:594] JNI DETECTED ERROR IN APPLICATION: JNI CallVoidMethodV called with pending exception java.lang.IllegalStateException: no e
             * java_vm_ext.cc:594] at void androidx.lifecycle.LifecycleRegistry.forwardPass(androidx.lifecycle.LifecycleOwner) (LifecycleRegistry.java:269)
             *
             * */
            // e.printStackTrace()
        }
    }

    fun onResume() {
        lifecycleRegistry.handleLifecycleEvent(Lifecycle.Event.ON_RESUME)
    }

    fun onPause() {
        lifecycleRegistry.handleLifecycleEvent(Lifecycle.Event.ON_PAUSE)
    }

    fun onStop() {
```

```
        lifecycleRegistry.handleLifecycleEvent(Lifecycle.Event.ON_STOP)

    }

    fun onDestroy() {
        lifecycleRegistry.handleLifecycleEvent(Lifecycle.Event.ON_DESTROY)
        savedStateRegistryController.performSave(Bundle())
        // runRecomposeScope?.cancel()
    }

    /**
     * Compose uses the Window's decor view to locate the
     * Lifecycle/ViewModel/SavedStateRegistry owners.
     * Therefore, we need to set this class as the "owner" for the decor view.
     */
    fun attachToDecorView(view: View?) {
        if (view == null) return

        _view = view

        // ViewTreeLifecycleOwner.set(view, this)
        view.setViewTreeLifecycleOwner(this)
        view.setViewTreeViewModelStoreOwner(this)
        view.setViewTreeSavedStateRegistryOwner(this)
    }


    private val lifecycleRegistry: LifecycleRegistry = LifecycleRegistry(this)
    override val lifecycle: Lifecycle get() = lifecycleRegistry
    // override fun getLifecycle(): Lifecycle = lifecycleRegistry

    private val savedStateRegistryController = SavedStateRegistryController.create(this)
    override val savedStateRegistry: SavedStateRegistry get() = savedStateRegistryController.savedStateRegistry

    private val store = ViewModelStore()
    override val viewModelStore: ViewModelStore get() = store
}
```

Stack trace (if applicable):

there is no error message, the compose view doesn't show

 **Screenrecorder-2023-09-06-14-17-56-278.mp4**
2.3 MB [Download](#)

COMMENTS

All comments



ma...@google.com <ma...@google.com>

Reassigned to ae...@google.com.