



gm...@glmsoftware.com

Won't fix (Obsolete)

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Android Public Tracker > Framework 275597731 ▼

Hotlists (5) Mark as Duplicate Δ

> Bug Р3

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Developer

· ♂ ☆ March 2023 Pixel 6 Security/Feature Update breaks Predictive Back Gesture	+1 2	Hotlists (5)
Comments (21) Dependencies Duplicates (0) Blocking (0) Resources (9)		
Obsolete Bug P3 + Add Hotlist [AOSP] assigned NeedsInfo		Reporter
STATUS UPDATE No update yet. Edit		Туре
DESCRIPTION gm@glmsoftware.com created issue #1 Mar 29, 2023 05:49PM		Priority
Mar 29, 2023 05:49PM	•	Severity
 Build: Al-221.6008.13.2211.9619390, 202302170051,		Status
Al-221.6008.13.2211.9619390, JRE 11.0.15+0-b2043.56-9505619x64 JetBrains s.r.o., OS Windows 11(amd64) v10.0 , screens		Access
9600.0x6000.0		Assignee
AS: Electric Eel   2022.1.1 Patch 2 Kotlin plugin: 221-1.8.0-release-for-android-studio-AS5591.52		Verifier
Android Gradle Plugin: 7.4.2 Gradle: 7.5		Collaborators
Gradle JDK: JetBrains Runtime version 11.0.15  NDK: from local.properties: (not specified), latest from SDK: (not found)		CC
CMake: from local.properties: (not specified), latest from SDK: (not found), from PATH: (not found)		AOSP ID
IMPORTANT: Please read https://developer.android.com/studio/report-bugs.html carefully and supply all required information.		ReportedBy
		Found In
There appears to be a problem created by the March 2023 Pixel 6 Security/Features Upgrade to a Pixel 6. I'd be interested to find or it applies in all countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and to all Android 13 Pixel devices or if it is restricted to the updates that Australia (and maybe some other in the countries and the countries and the countries and the countries and the countries are also all the countries and the countries are also all the count		Targeted To
countries) receive or does this apply irrespective of your country/carrier.	_	Verified In
On my Pixel 6, there are most times no Predictive Back Gestures when I swipe to exit. Occasionally, it will produce a perfectly norm	al-	In Prod

looking PBG, but when you attempt to repeat it, you can't. Sometimes clearing it from memory allows it again, but in my testing never more than once

I'm providing an app based on Android Studio's start template BasicActivity(Material3). The app doesn't have an active OnBackPressedCallback, so theoretically it should show the PBG when exiting.

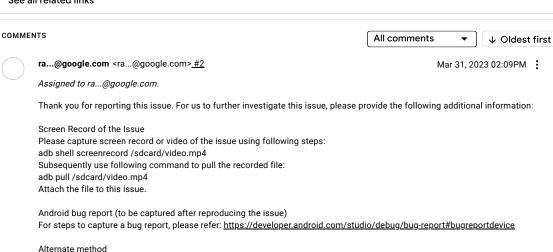
I've tested the same app on two Samsung Android 13 devices and they both show the PBG when exiting every time you exit the app.

Update - I upgraded a Pixel4a Android 11 device to Android 13 and it also works correctly.

holding the power button and selecting the "Take bug report" option.

https://github.com/gmck/BasicActivityM3

✓ Links (8) Hide all "...PORTANT: Please read https://developer.android.com/studio/report-bugs.html carefully and supply all required informati..." gm...@ #1 "https://github.com/gmck/BasicActivityM3" gm...@ #1 "For steps to capture a bug report, please refer: https://developer.android.com/studio/debug/bug-report#bugreportdevice" ra...@ #2  $\hbox{$"$\underline{https://drive.google.com/file/d/1M1wZEXefQjdcjRG445b19H8zf1kpTufk/v..."}$}$ gm...@ #3, gm...@ #4 "https://drive.google.com/file/d/1M1xfwFN95DqNKsZ5Xz-2G1-FwsIltT4C/v... gm...@ #3 See all related links



Navigate to "Developer options", ensure "USB debugging" is enabled, then enable "Bug report shortcut". Capture bug report by

then share the link here.	<u>a bugi eport (egoogie:oom</u> )	
gm@glmsoftware.com <gm@glmsoftware.com><u>#3</u></gm@glmsoftware.com>	Apr 1, 2023 10:24AM	:
https://drive.google.com/file/d/1M1wZEXefQjdcjRG445b19H8zf1kpTufk/view?usp=share_link https://drive.google.com/file/d/1M1xfwFN95DqNKsZ5Xz-2G1-FwslltT4C/view?usp=share_link		
I'm not sure how the screenshot helps it just shows the app exiting without the Predictive Back Ges	sture	
gm@glmsoftware.com <gm@glmsoftware.com><u>#4</u></gm@glmsoftware.com>	Apr 3, 2023 11:27AM	:
I think I did this incorrectly in the previous post		
https://drive.google.com/file/d/1M1wZEXefQjdcjRG445b19H8zf1kpTufk/view?usp=share_link		
ra@google.com <ra@google.com> Status: New</ra@google.com>	Apr 5, 2023 06:01	1PM
jb@google.com <jb@google.com> #5</jb@google.com>	Apr 6, 2023 12:45AM	:
Assigned to ra@google.com.		
This should be rerouted to the SysUI team, AndroidX Activity is not part of the framework.		
il@google.com <il@google.com>  Reassigned to sh@google.com.</il@google.com>	Apr 6, 2023 07:13	BAM
sh@google.com <sh@google.com><u>#6</u></sh@google.com>	May 13, 2023 07:51AM	:
Reassigned to ra@google.com.  Could we ask the reporter to provide a screen record?		
could we ask the reporter to provide a screen record:		
gm@glmsoftware.com <gm@glmsoftware.com><u>#7</u></gm@glmsoftware.com>	May 14, 2023 09:55AM	:
Link to screen record.		
https://drive.google.com/file/d/1MV3-OcotpkbARkINm6BCs4f6vxUOxgWH/view?usp=share_link		
gm@glmsoftware.com <gm@glmsoftware.com><u>#8</u></gm@glmsoftware.com>	May 14, 2023 09:57AM	:
Just shows BasicActivtyM3 doing a normal exit - no predictive back gesture		
gm@glmsoftware.com <gm@glmsoftware.com><u>#9</u></gm@glmsoftware.com>	May 14, 2023 10:06AM	:
The following is the logcat output - maybe that might give you more info.		
2023-05-14 10:01:40.425 1485-1564 ActivityTaskManager system_server I Displation.companyname.basicactivitym3/.MainActivity: +72ms 2023-05-14 10:01:40.438 23490-23490 GoogleInpuhodService comgle.android.inputmethod.lat GoogleInputMethodService.onStartInput():1898 onStartInput(EditorInfo{inputType=0x0(NULL) ime privateImeOptions=null actionName=UNSPECIFIED actionLabel=null actionId=0 initialSelStart=-1 ir initialCapsMode=0x0 hintText=null label=null packageName=com.companyname.basicactivitym3 fextras=null hintLocales=[], false)	in I Options=0x0 itialSelEnd=-1	
2023-05-14 10:01:40.796 1485-1920 InputManager-JNI system_server W Input of Splash Screen com.companyname.basicactivitym3 (client) was disposed without first being remove	t4824},	·!
mPriority=-1}, currentFocus=Window{a6d1c82 u0 com.companyname.basicactivitym3.MainActivity}	us Destination is	ctivi
ty} Task:Task=4107 removedContainer:Task{921cd73 #4824 type=standard A=10975:com.companbackType=TYPE_RETURN_TO_HOME	yname.basicactivitym3}, Gesture Monitor] edge-swi basicactivitym3.MainActiv	pe
	NavigationDone backType	
	askToBack: Task{921cd73	

	(com.companyname.basicactivitym3/com.companyname.basicactivitym3.MainActivity ever 2023-05-14 10:01:47.212 1485-4144 CoreBackPreview system_server D com.companyname.basicactivitym3/com.companyname.basicactivitym3.MainActivity}: Sett 2023-05-14 10:01:47.220 4896-4896 OnDestroy com.companyname.basicactivitym 2023-05-14 10:01:47.220 4896-4896 OnDestroy com.companyname.basicactivitym	Window{a6d1c82 u0 ing back callback null 3 D called from OnDestroy 3 D isFinishing is false Input channel object 'a6d1c82	
	ra@google.com <ra@google.com><u>#10</u></ra@google.com>	May 23, 2023 01:37PM	
	Thanks for the information. We don't have access to shared video in <u>comment #7</u> . Please probugreport@google.com.	ovide the access to <u>android-</u>	
	gm@glmsoftware.com <gm@glmsoftware.com> #11</gm@glmsoftware.com>	May 23, 2023 02:38PM :	
	Changed viewing access.		
	https://drive.google.com/file/d/1MV3-OcotpkbARkINm6BCs4f6vxUOxgWH/view?usp=sharin	.g.	
)	ra@google.com <ra@google.com><u>#12</u></ra@google.com>	May 24, 2023 03:11PM	
	Thanks for the information. We are getting error while compiling the project. Please provide zip Android Studio file) that reproduces the issue. This gives us the closest test environment the code/structure used which will help analyze your issue.		
)	gm@glmsoftware.com <gm@glmsoftware.com> #13</gm@glmsoftware.com>	May 24, 2023 05:13PM	
	I agree when I tried building it again I also got errors. I've now created a new project based o BasicActivity(Material3) template. The only addition is to the manifest for the callback android:enableOnBackInvokedCallback="true". The behaviour is identical to before, the PBG Pixel 6 and a Pixel4a. It does appear on a Samsung S7 tablet and a Samsung S20 5G. Both F Link to the zip file <a href="https://drive.google.com/file/d/1P1oEx-fsWT3EfMvvkdvzA9-m9iyFQUFF/view?usp=sharing">https://drive.google.com/file/d/1P1oEx-fsWT3EfMvvkdvzA9-m9iyFQUFF/view?usp=sharing</a>	does not appear on exit on both a	
)	su@google.com <su@google.com><u>#14</u></su@google.com>	May 26, 2023 05:17PM	
	We have shared this with our product and engineering team and will update this issue with n available.	nore information as it becomes	
)	gm@glmsoftware.com <gm@glmsoftware.com><u>#15</u></gm@glmsoftware.com>	Jun 4, 2023 10:15AM	
	Yesterday I purchased a Pixel 7 and tested the Predictive Back Gesture test app previously s just like the Pixel 6 did when the March update was applied.	upplied here. The Pixel 7 also fails	
	The following are the results of the various updates from the original build through to the lat	est build.	
	TQ1A.220804.031 Successful 221205.011 Successful – unfortunately I didn't record the first group in the build TQ2A.230305.008 Fail TQ2A.230405.003.E1 Fail TQ2A.230505.002 Fail	number	
	ra@google.com <ra@google.com><u>#16</u></ra@google.com>	Jun 22, 2023 01:32PM :	
	Thanks for the information. Could you please check and confirm if this issue is reproducible	on U build.	
	gm@glmsoftware.com <gm@glmsoftware.com><u>#17</u></gm@glmsoftware.com>	Jun 22, 2023 02:12PM	
	Could you please indicate what you mean by "U build" ?		
	If you mean the June build TQ3A.230605.010 (Pixel 6) and TQ3A.230605.012 (Pixel 7) then ywrong about "U" please enlighten me.	res it is still reproducible. If I got tha	at
	ra@google.com <ra@google.com><u>#18</u></ra@google.com>	Aug 21, 2023 03:04PM	
	Thanks for the information. As mentioned in the above comment, can you please try with lat this issue is still reproducible.	est U Beta 5 build and let us know if	f

gm@glmsoftware.com <gm@glmsoftware.com><u>#19</u></gm@glmsoftware.com>	Aug 21, 2023 03:26PM		
Ok, thanks for the update about what the U build is.			
Sorry, I've not yet tried Android 14. With the August update both my Pixel 6 and 7 (Android 13) seem to be fixed now. I haven't tested the app I supplied with this issue, but my app and other test apps are now working again, as they were prior to the March update. Sorry for being slow to report back, but it wasn't until last week that I remembered to flick android:enableOnBackInvokedCallback back to true and test it.			
ra@google.com <ra@google.com> #20</ra@google.com>	Aug 24, 2023 02:43PM		
Thanks for the information. Please confirm if we can close this issue as per above comment.			
ra@google.com <ra@google.com>#21</ra@google.com>	Aug 31, 2023 01:33PM		
Status: Won't Fix (Obsolete)			
We are closing this issue as per above comment.			