

`AMediaExtractor_setDataSourceFd', cause `AMediaExtractor_setDataSource` doesn't work anymore due to scoped file access (which is as everybody

To extract with AMediaExtractor a file from MediaStore afaik, the only way is to get a 'ParcelFileDescriptor' on the java side from the URI given by the

I spent time and effort in doing the minimal example to reproduce the problem, please show me you appreciate that and check it out, there are 3

knows, terrible).

MediaStore, and pass the fd to the native side.

branches, 2 of them give error logs and one is succesful. only thing you need is an mp3 on your device and MediaStore db. https://github.com/AndrewBloom/MediaStoreToNativeAudioSample/tree/detachFd	
gf@google.com <gf@google.com><u>#6</u></gf@google.com>	Mar 13, 2020 05:40AM
I will dig it around to see how to address it in the sample: in the past, those were put into the assets folder to bypass the "access right" to really focus on the APIs. (For your sentiment about "the scoped file access", might write up a summary and send it over to the team so you feedback get heard at least: it is valuable input)	
jm@google.com <jm@google.com><u>#7</u></jm@google.com>	Mar 14, 2020 10:04AM
I don't have time to investigate this more thoroughly right now, but I took a quick lo detach:	ok, and this looks suspicious:
<pre>pfd?.let { parcelFileDescToJNI(it.detachFd(), 0, it.statSize) }</pre>	
get:	
parcelFileDescToJNI(pfd?.fd!!, 0, pfd.statSize)	
In the detachFd case, it.statSize is going to give you -1 because the contained fd hasee if that fixes your problem?	as already been set to -1 by detachFd. Try hoisting that up a line and
[Deleted User] <[Deleted User]> <u>#8</u>	Mar 14, 2020 12:37PM
Yes, it fixes the problem. My bad, sorry to have bothered you.	
On Fri, 13 Mar 2020 at 23:04, < <u>buganizer-system@google.com</u> > wrote:	
- Show quoted text -	
gf@google.com <gf@google.com><u>#9</u></gf@google.com>	Mar 14, 2020 12:47PM
Marked as fixed.	
for future storage related issues, you might go to https://github.com/android/stora	ge-samples