

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

Infeasible Bug P3 + Add Hotlist

STATUS UPDATE No update yet. Edit

DESCRIPTION ap...@gmail.com created issue #1 Apr 4, 2018 12:52PM

In Android O platform, I have met an issue,

reproduce steps as follow,

1. connecting two phones with usb otg cable,
2. in usb host phone, when we open gallery app, we find open fail,

through the android logs, we found fails in "Preconditions.checkState(mCompressedSize >= 0);"

we found the mCompressedSize is an int type data, we check that it is a negative number;

```
private int mCompressedSize;
public final int getCompressedSize() {
    Preconditions.checkNotNull(mCompressedSize >= 0);
    return mCompressedSize;
}
```

and the mCompressedSize comes from as below

```
/frameworks/base/media/jni/android_mtp_MtpDevice.cpp
static jobject android_mtp_MtpDevice_send_object_info(JNIEnv *env, jobject thiz, jobject info)
{
    .....
    object_info->mCompressedSize = env->GetIntField(info, field_objectInfo_compressedSize);
    .....
}
```

but the mCompressedSize is transferred from the device phone, and in below code,

the mCompressedSize is uint32\_t type data;

```
frameworks/base/media/jni/android_mtp_MtpDatabase.cpp
MtpResponseCode MyMtpDatabase::getObjectInfo(MtpObjectHandle handle, MtpObjectInfo& info)
{
    .....
    info.mCompressedSize = (length > 0xFFFFFFFF ? 0xFFFFFFFF : (uint32_t)length);
    .....
}
```

in all, in usb host phone ,the mCompressedSize is an int type data, but in usb device phone , it is an uint32 type data,

so If the mCompressedSize value is big enough , maybe in host phone , the mCompressedSize will be a negative,

please check , thank you!

Reporter ap...@gmail.com

Type Bug

Priority P3

Severity S3

Status Won't fix (Infeasible)

Access Default access View

Assignee ku...@google.com

Verifier --

Collaborators

CC ap...@gmail.com ku...@google.com

AOSP ID --

ReportedBy --

Found In --

Targeted To --

Verified In --

In Prod

COMMENTS All comments Oldest first

ku...@google.com <ku...@google.com> #2 Apr 4, 2018 10:49PM

Assigned to ku...@google.com.

Can you provide the below requested information to better understand the issue:

Expected output

Could you please explain the expected behavior.

Current output

Could you please explain the current behavior.

Android build

Which Android build are you using? (e.g. KVT49L)

Device used

Which device did you use to reproduce this issue?

Android bug report

After reproducing the issue, press the volume up, volume down, and power button simultaneously. This will capture a bug report on your device in the "bug reports" directory. Attach the bug report file to this issue.

Alternate method:

After reproducing the issue, navigate to developer settings, ensure 'USB debugging' is enabled, then enable 'Bug report shortcut'. To take bug report, hold the power button and select the 'Take bug report' option.

Note: Please upload the files to google drive and share the folder to [android-bugreport@google.com](mailto:android-bugreport@google.com), then share the link here.



**ku...@google.com** <ku...@google.com> [#3](#)

Nov 30, 2018 08:05PM ⋮

*Status: Won't Fix (Infeasible)*

We are closing this issue as we don't have enough actionable information. If you are still facing this problem, please open new issue and add the relevant information along with reference to earlier issue.