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## Unable to merge videos using FFMPEG Commands

I am trying to merge two videos in Android using FFMPEG and I have been following the [Android War Zone](#) blog which gives great ideas and simple methods to integrate FFMPEG in our project. However, I am facing issues in merging two videos.

**Command :**

```
vk.run(new String[]{
    "ffmpeg",
    "-f",
    "concat",
    "-i",
    list,
    "-s",
    "hd720",
    "-c",
    "copy",
    "-b",
    br_from_db + "k",
    path + "/" + "merged_video_3.mp4"
}, work_path, getActivity());
```

And the "list" in the above command is the one where I am facing a issue.It throws me the following error when I use the following method :

**Code :**

```
private String generateList(String[] inputs) {
    File list;
    Writer writer = null;
    try {
        list = File.createTempFile("ffmpeg-list", ".txt");
        writer = new BufferedWriter(new OutputStreamWriter(new
FileOutputStream(list)));
        for (String input : inputs) {
            writer.write("file '" + input + "'\n");
            Log.d(TAG, "Writing to list file: file '" + input + "'");
        }
    } catch (IOException e) {
        e.printStackTrace();
        return "/";
    } finally {
        try {
            if (writer != null)
                writer.close();
        } catch (IOException ex) {
            ex.printStackTrace();
        }
    }
    Log.d(TAG, "Wrote list file to " + list.getAbsolutePath());
    return list.getAbsolutePath();
}
```

**Error :**

```
12-16 19:49:57.416 5437-5437/? E/ffmpeg4android: Command validation failed.
12-16 19:49:57.416 5437-5437/? E/ffmpeg4android: Check if input file exists:
/data/data/com.family45.golive.family45v1/cache/ffmpeg-list-
1803386407.txt/storage/emulated/0/DCIM/Camera/dec24.mp4
/storage/emulated/0/DCIM/Camera/vid2.mp4
12-16 19:49:57.416 5437-5437/? W/System.err :
com.netcompss.ffmpeg4android.CommandValidationException
12-16 19:49:57.416 5437-5437/? W/System.err : at
com.netcompss.loader.LoadJNI.run(LoadJNI.java:34)
12-16 19:49:57.416 5437-5437/? W/System.err : at
com.netcompss.loader.LoadJNI.run(LoadJNI.java:49)
```

I obtained the command from [this](#) stack question. Its accepted but I am facing the above issue. I am very sure that the videos are present in their respective locations and all the paths are right but I cant seem to make it work.

Any insights on this is highly appreciated. Thanks in advance.

Update :

Call to generateList:

```
ArrayList<String> paths_to_merge = new ArrayList<String>();
paths_to_merge.add(path + "/" + "dec24.mp4");
paths_to_merge.add(path + "/" + "vid2.mp4");
LoadJNI vk = new LoadJNI();
String[] v12 = new String[paths_to_merge.size()];
v12 = paths_to_merge.toArray(v12);
String list = generateList(v12);
```

 android  video  ffmpeg

edited Dec 16 '15 at 16:30

asked Dec 16 '15 at 16:05

 **San**  
931 5 18

Could you show your call to generateList() please? – [Kernald](#) Dec 16 '15 at 16:08

Please check the update. – [San](#) Dec 16 '15 at 16:30

That point looks good... maybe add more logs? List creation, ffmpeg initialization... I don't see anything from right now. – [Kernald](#) Dec 16 '15 at 16:32

I have just added the library as a dependency in my project and the above code is the only thing that I have related to FFMPEG. That's the whole initialization and working part. – [San](#) Dec 17 '15 at 5:15

## 1 Answer

I am not sure what went wrong in my code, I am still not able to come with the right list. However, I found another command which seems to be working good.

Command :

```
vk.run(new String[]{"ffmpeg", "-y", "-i", path + "/" + "num1.mp4", "-i", path + "/" +
"num2.mp4", "-i", path + "/" + "num3.mp4", "-i", path + "/" + "num4.mp4",
"-i", created_folder + "/" + "created_video2.mp4", "-
strict", "experimental",
"-filter_complex",
"[0:v]scale=640x480,setsar=1:1[v0];
[1:v]scale=640x480,setsar=1:1[v1];[2:v]scale=640x480,setsar=1:1[v2];
[3:v]scale=640x480,setsar=1:1[v3];" +
"[4:v]scale=640x480,setsar=1:1[v4];[v0][0:a][v1][1:a][v2]
[2:a][v3][3:a][v4][4:a] concat=n:5:v:1:a=1",
"-ab", "48000", "-ac", "2", "-ar", "22050", "-s", "640x480", "-r", "30", "-
vcodec", "mpeg4", "-b", "2097k", path + "/" + "numbers_video_m.mp4"}, path, getActivity());
```

As you can see in the command, I have appended 5 videos for the purpose of testing but I believe that we can add more videos dynamically and this works without any issues for me.

Things to be noted :

```
"-i", path + "/" + "num1.mp4"
```

represent the input and you can append as many as you want.

```
[0:v]scale=640x480,setsar=1:1[v0];
```

and add this according to the number of inputs accordingly as [0:v]...[1:v].. and so on.

```
[v0][0:a]
```

and also this parameter to be added according to the number of inputs.

```
concat=n:5:v:1:a=1
```

Give the value of n according to the number of videos.

So those are the main things that needs to be taken care of.

answered Dec 17 '15 at 9:00

 **San**  
931 5 18