**YouTube Video Downloader Script**

**STEP 1: Install Termux & Termux:Widget**

Go to https://f-droid.org. or search fdroid in chrome

search termux in fdroid website

1. Termux

Link: https://f-droid.org/en/packages/com.termux/

2. Termux:Widget

Link: https://f-droid.org/en/packages/com.termux.widget/

download and Install both

**STEP 2: Give Termux Storage Permission**

Run this command in Termux:

*termux-setup-storage*

It will prompt you to allow storage access—**tap “Allow”**.

A folder named storage will appear in your Termux home.

you can see it by providing command:

*ls*

[ls is similar to cms dir command ]

**STEP 3: Update Termux**

Always update Termux first:

*pkg update -y && pkg upgrade -y*

**STEP 4: Create .shortcuts Directory for Widget**

This is the special folder for Termux:Widget to show scripts:

*mkdir -p ~/.shortcuts*

.shortcuts is hidden to verify it is created or not use:

*ls -a*

it shows hidden files

**STEP 4: Install Required Packages**

Install tools we need:

*pkg install nano*

*pkg install yt-dlp*

*pkg install ffmpeg*

**STEP 5: Goto the .shortcuts folder**

command is similar to cmd:

*cd ~/.shortcuts*

Note: you can use **cd ..** to come back to previous directory. In linux before .. space is mandatory.

**STEP 5: Create the script file(.sh) for video downloader**

1. To open text editor type *nano file\_name.sh* in command line:

*nano ytvid.sh*

2. Paste the following code:

*read -p "Enter YouTube Link: " url*

*if [ "$url" != "null" ] && [ -n "$url" ]; then*

*cd "/storage/emulated/0/download" || exit*

***yt-dlp -f "bv[height<=2160]+ba/b[height<=2160]" "$url"***

*# use yt-dlp -f "bv\*+ba/b" "$url" for downloading highest available resolution*

*if [ $? -eq 0 ]; then*

*echo -e "\n\033[1;32mSuccessfully downloaded to \"download\" folder.\033[0m"*

*else*

*echo -e "\n\033[1;31mDownload failed. Invalid link or network error.\033[0m"*

*fi*

*else*

*echo -e "\n\033[1;31mURL not valid or empty.\033[0m"*

*fi*

*echo "\n\033[1;34mPress Enter to exit...\033[0m"*

*read ch*

*exit*

3. Now press **ctrl + x** to save [Note: There is separate ctrl key in nano text editor]

4. Press 'y' and enter key

**Step 6: Add termux:widget from you device widget setion to your home screen and enjoy.**

**Step 7: [Optional] For Audio Downloader use this code:**

1. Create a similar script file inside .shortcut folder:

*nano ytmp3.sh*

2. Paste the code

read -p "Enter YouTube Link: " url

if [ "$url" != "null" ] && [ -n "$url" ]; then

cd "/storage/emulated/0/download" || exit

yt-dlp -x "$url"

if [ $? -eq 0 ]; then

echo -e "\n\033[1;32mSuccessfully downloaded to \"downlod\" folder.\033[0m"

else

echo -e "\n\033[1;31mDownload failed. Invalid link or network error.\033[0m"

fi

else

echo -e "\n\033[1;31mURL not valid or empty.\033[0m"

fi

echo "\n\033[1;34mPress Enter to exit...\033[0m"

read ch

exit