As a system administrator, you can write a shell script to delete all .mpeg and .mp3 files from a user's home directory. Here's a basic script that accomplishes this:

bash

#!/bin/bash

# Define the user's home directory (replace 'username' with the actual username)

USER\_HOME="/home/username"

# Check if the user home directory exists

if [ -d "$USER\_HOME" ]; then

# Find and delete .mpeg and .mp3 files in the user's home directory

find "$USER\_HOME" -type f \( -name "\*.mpeg" -o -name "\*.mp3" \) -exec rm -f {} \;

echo "Deleted all .mpeg and .mp3 files from $USER\_HOME"

else

echo "User home directory $USER\_HOME does not exist."

fi

**Explanation:**

* USER\_HOME="/home/username": Specifies the user's home directory. Replace "username" with the actual username.
* find "$USER\_HOME" -type f \( -name "\*.mpeg" -o -name "\*.mp3" \) -exec rm -f {} \;: This command searches for all .mpeg and .mp3 files in the specified directory and deletes them.
  + -type f: Ensures that only files are considered.
  + -name "\*.mpeg" and -name "\*.mp3": Filters for files with .mpeg and .mp3 extensions.
  + -exec rm -f {} \;: Deletes each file found.

**How to Use:**

1. Replace username with the actual username whose home directory you want to clean up.
2. Save the script to a file, for example, delete\_mpeg\_mp3.sh.
3. Make the script executable:

bash

chmod +x delete\_mpeg\_mp3.sh

1. Run the script with superuser privileges:

bash

sudo ./delete\_mpeg\_mp3.sh

This script ensures that all .mpeg and .mp3 files in the user's home directory are deleted. Always ensure you have the proper authorization before running scripts that delete files.