



Bash Scripts

OPERATING SYSTEM

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DEMONSTRATION

- Show deletion of file and directory

```
vath@LAPTOP-NOTSVATH:~$ echo "hello vath" > text.txt
vath@LAPTOP-NOTSVATH:~$ rm text.txt
Moved 'text.txt' to trash as 'text.txt_20250820231022'
vath@LAPTOP-NOTSVATH:~$ mkdir test_folder
vath@LAPTOP-NOTSVATH:~$ touch test_folder/file.txt
vath@LAPTOP-NOTSVATH:~$ rm -r test_folder/
Moved 'test_folder/' to trash as 'test_folder_20250820231152'
vath@LAPTOP-NOTSVATH:~$
```

- Create a .txt file `text.txt` with the text “hello vath”
- Use the customized `rm` command to move `text.txt` to trash folder with current remove time
- Same thing for directory, create a folder name `test_folder` with a .txt file inside and then use `rm` to move to trash folder with a timestamp

- Show trash folder contents

```
vath@LAPTOP-NOTSVATH:~$ ls /tmp/trash/
test_folder_20250820231152  text.txt_20250820231022  trash.log
vath@LAPTOP-NOTSVATH:~$
```

- Show log file contents

```
vath@LAPTOP-NOTSVATH:~$ cat /tmp/trash/trash.log
/home/vath/text.txt|/tmp/trash/text.txt_20250820231022|20250820231022
/home/vath/test_folder|/tmp/trash/test_folder_20250820231152|20250820231152
vath@LAPTOP-NOTSVATH:~$
```

- Show restoration of file and directory

```
vath@LAPTOP-NOTSVATH:~$ restore text.txt
Restored to '/home/vath/text.txt'
vath@LAPTOP-NOTSVATH:~$ ls
bin  scripts  text.txt
vath@LAPTOP-NOTSVATH:~$ restore test_folder
Restored to '/home/vath/test_folder'
vath@LAPTOP-NOTSVATH:~$ ls
bin  scripts  test_folder  text.txt
vath@LAPTOP-NOTSVATH:~$
```

- Use `restore` command to move back file or folder to home directory

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