# NDG Linux Unhatched - NDG Linux Unhatched

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# **Moving Files**

The my command is used to move a file from one location in the filesystem to another.

mv SOURCE DESTINATION

The mv command requires at least two arguments. The first argument is the source, a path to the file to be moved. The second argument is the destination, a path to where the file will be moved to. The files to be moved are sometimes referred to as the source, and the place where the files are to be placed is called the destination.

## **Follow Along**

Use the following command to switch to the **Documents** directory:

sysadmin@localhost:~\$ cd ~/Documents

To move the people.csv file into the Work directory, use the filename as the source, and the directory name as the destination:

sysadmin@localhost:~/Documents\$ mv people.csv Work

If a file is moved from one directory to another without specifying a new name for the file, it will retain its original name. The move above can be confirmed using the 1s command on the work directory:

sysadmin@localhost:~/Documents\$ ls Work
people.csv

The mv command is able to move multiple files, as long as the final argument provided to the command is the destination. For example, to move three files into the School directory:

```
sysadmin@localhost:~/Documents$ mv numbers.txt letters.txt alpha.txt School
sysadmin@localhost:~/Documents$ ls School
Art Engineering Math alpha.txt letters.txt numbers.txt
```

Moving a file within the same directory is an effective way to rename it. For example, in the following example the animals.txt file is given a new name of zoo.txt:

mv animals.txt zoo.txt

#### sysadmin@localhost:~/Documents\$ ls

School al	pha-second.txt	hello.sh	newhome.txt	red.txt
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Workalpha-third.txthidden.txtos.csvadjectives.txtanimals.txtlinux.txtpasswdalpha-first.txtfood.txtlongfile.txtprofile.txt

sysadmin@localhost:~/Documents\$ mv animals.txt zoo.txt

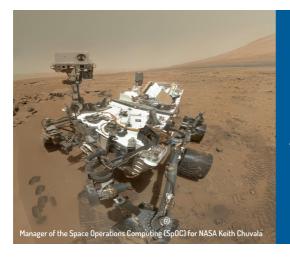
sysadmin@localhost:~/Documents\$ 1s

School alpha-second.txt hidden.txt os.csv zoo.txt

Work alpha-third.txt linux.txt passwd
adjectives.txt food.txt longfile.txt profile.txt
alpha-first.txt hello.sh newhome.txt red.txt

## **Consider This**

Permissions can have an impact on file management commands, such as the mv command. Moving a file requires write and execute permissions on both the origin and destination directories.



# Penguins In Space!

**NASA Uses Linux** 

International Space Station runs on Linux "We migrated key functions from Windows to Linux because we needed an operating system that was stable and reliable."

**Curiosity the Mars Rover**