

Copy Move Delete

2016

To **Copy/Delete** a file use **cp**

```
To copy a file use:  
cp filename path/filename  
To copy the file test.txt to the folder /home/pi/new  
cp test.txt /home/pi/new
```

Copying Directories (and contained files)

```
To copy a directory  
cp -avr source_directory destination_directory  
To copy the directory /home/pi/dir1 to the folder /home/pi/test  
cp -avr /home/pi/dir1 /home/pi/test  
Now you will have a /home/pi/test/dir directory
```

The attributes **-avr** represent

```
a  Preserve the specified attributes such as directory and file mode, ownership, timestamps, etc.  
v  Show results  
r  Recursive, action all subfolders and files.
```

To **Move** use **mv**

```
To Move a file  
mv source destination  
To move a file called test.txt from /home/pi to /home/pi/tmp  
mv /home/pi/test.txt /home/pi/tmp  
mv works with directories too  
To move the folder /home/pi/Trial to the folder /mnt use  
mv /home/pi/Trial /mnt (you may need to sudo depending on destination directory rights)
```

To **Delete** use **rm**

```
To Delete a file  
rm filename  
To delete a directory (even if it is empty)  
rm -R directory
```

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