

# sort & uniq

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sort sorts  
its input

```
$ sort names.txt
```

the default sort is  
alphabetical.

## sort -n

numeric sort

'sort' order	'sort-n' order
12	12
15000	48
48	96
6020	6020
96	15000

## sort -h: human sort

'sort-n' order	'sort-h' order
15 G	45 K
30 M	30 M
45 K	15 G
200 G	200 G

useful example:

```
du -sh * | sort -h
```

## uniq

 is for unique

a  
b  
b  
a  
c  
c

notice there  
are still 2  
'a's! uniq  
only uniquifies  
adjacent  
matching lines

=>

a  
b  
a  
c

## sort + uniq = ♥

Pipe something to  
'sort | uniq' and you'll  
get a deduplicated list  
of lines! **sort -u** does the  
same thing.

```
b  
a  
b  
a | sort -u => a  
b
```

↑  
or sort | uniq

## uniq -c

counts each line it saw.

Recipe: get the top 10 most  
common lines in a file:

```
$ sort foo.txt  
| uniq -c  
| sort -n  
| tail -n 10
```

