

# **SYSKA**

Command Line Utils

man

cat

head/tail

less/more

sort

uniq

wc

cut

paste

tr

sed

grep

seq

**parallel**

man

- gives you the manual page for the tool  
eg man bash

cat

- stream/concatenate text to stdout  
eg cat file.txt

head

- displays first n lines of file

tail

- displays last n lines of file

## less or more

- enables browsing of text in the terminal
- less - browse any direction
- more - browse one screen at a time until end

remember: less is more and more is less

sort

- takes input and outputs in sorted order
- lexicographic sort by default  
eg file10 before file1

## uniq

- outputs uniq lines based on comparison with previous line
- can also output duplicated lines
- often used after sort

eg `sort | uniq`

## WC

- gives a word count from input
- #char #words #lines
- extremely useful for debugging  
eg `sort | uniq | wc`



## cut

- select columns from input
- can use any character as col delimiter  
eg `cut -f1`

## paste

- stick lines from different files together

tr

- translate characters
- extremely useful for newline formatting

eg tr '\r' '\n'

# sed

- pattern match for text
- find and replace

eg sed 's/text/changedtext/g'

## grep

- find in text
  - extremely useful
  - inverse pattern matching
- eg `grep "some text" file.txt`

seq

- generate a sequence of numbers
- can change interval and have 0 padding

eg seq 1 22

# parallel

- do commands in parallel
- command line substitutions
- if you are repeating the same command on different files USE THIS!!

eg `parallel 'echo {}' ::: a b c`