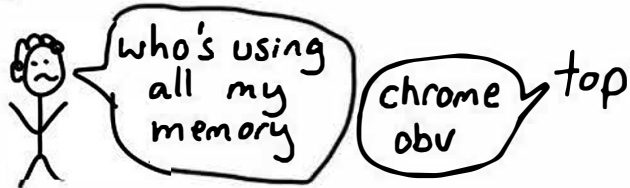


# top

## top

a live-updating summary of the top users of your system's resources



let's explain some numbers in top!

## load average

3 numbers that roughly reflect demand for your CPUs on the system (1, 5, 15 minutes)

if it's higher than the # of CPUs you have, that's often bad

## memory

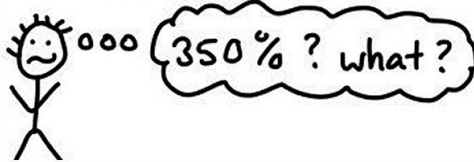
4 numbers:

total / free / used / cached

One perhaps unexpected thing: total is not free + used!

total = free + used + cached  
filesystem cache

## % CPU



this column is given as % of a single core. If you have 4 cores, this can go up to 400%!

## RES

this column is the "resident set size" aka how much memory your process is using.

SHR is how much of the RES is shared with other processes

## htop

a prettier version of top ★

1		10%
2		20%
3		5%
4		5%
mem		4176
swp		2/5G

used (green)      cached (orange)