Subject: Why does my total memory used not match all process rss sum?
Posted by axelabs on Tue, 20 Nov 2012 18:09:59 GMT

This is on a VZ container that is reporting low free memory. I can't figure out what is using it.
Free used is not even close to ps rss totals:

```
# free -m
        total     used     free    shared   buffers   cached
Mem:    32163    31912      250        0       20      551
-/+ buffers/cache:    31341      822
Swap:    34239     9945    24294

# ps -eo pid,rss,comm --sort rss|awk '{SUM=SUM+$2}END{print "Total rss mem
used:",SUM/1024,"mb"}'
Total rss mem used: 1472.67 mb
```

Its not the cache/buffers that are consuming memory. What is it?

The host is running ovzkernel-2.6.18-194.8.1.el5.028stab070.2.