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Subject: Re: Weird memory numbers

Posted by [dagr](#) on Thu, 13 Sep 2007 11:07:34 GMT

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1.

```
[root@vps-10811 extra]# s=0;n=0;for pid in `ps -ef | grep httpd | grep -v "gre
p"| awk '{print $2}'`;do
> a=`pmap -d $pid | grep private | awk '{print $4}'`;
> l=`expr length $a - 1`;
> b=`expr substr $a 1 $l`
> s=`expr $s + $b`
> n=`expr $n + 1`
> done
[root@vps-10811 extra]# echo "s=$s"
s=157832
[root@vps-10811 extra]# echo "num=$n"
num=101
```

2. I cant understand this.

"it is normal, since apps never touch all the memory they map"

But OS cant know for sure that app wont touch it later , so it must ne isolated ie - busy, and other app cant use it same time . In this terms i dont understand sense of 2 parameters like oom and priv, should be only 1. Example above is simple. I need to estimate how much processes my apache can run and nothing more, ie i should take overall memory and divide by lets say 1.5 Mb.