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Subject: Re: Processes are wrong

Posted by [eugenio pacheco](#) on Thu, 19 Oct 2006 10:41:31 GMT

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Hi,

Thanks a lot for your answer. Now it makes sense. I tried `ps -eLf` and it showed all threads and I counted them up to be the same shown in `vzlist`.

But isn't the memory being accounted wrong? With only a few eggdrops, one `ircd`, one `shoutcast` and one `ircservices` it is using more than half of the memory.. Currently it is using 341MB out of 560MB

```
[root@server ~]# vzmemcheck -Av
```

Output values in Mbytes

veid	LowMem		LowMem		RAM		MemSwap		MemSwap	Alloc	Alloc	Alloc
	util	commit	util	util	commit	util	commit	limit				
101	2.15	11.38	60.16	61.61	155.56	193.90	155.56	560.59				
102	0.29	11.38	4.00	4.01	155.56	4.89	155.56	560.59				
103	2.52	11.38	35.34	36.93	155.56	400.32	155.56	560.59				
104	1.60	4.25	33.48	33.49	28.25	165.56	28.25	213.52				
105	1.01	34.14	15.79	15.89	934.16	17.73	934.16	1063.22				
106	1.01	11.38	32.80	33.05	155.56	167.24	155.56	560.59				
107	0.28	11.38	4.00	4.00	155.56	4.91	155.56	560.59				
108	3.43	11.38	90.49	93.75	155.56	398.09	155.56	560.59				
109	0.29	11.38	4.02	4.10	155.56	4.97	155.56	560.59				
110	1.78	11.38	30.87	31.31	155.56	105.86	155.56	560.59				
111	0.32	11.38	6.99	7.19	155.56	8.73	155.56	560.59				
114	2.80	11.38	63.67	64.03	155.56	341.53	155.56	560.59				

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Summary: 17.49 152.19 381.61 389.36 2517.96 1813.73 2517.96 6882.69  
325.00 325.00 1499.00 4700.00 4700.00 4700.00 4700.00 4700.00

And here's a `ps aux` and `ps -eLf`:

```
[root@server ~]# vzctl exec 114 ps aux
```

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1	0.0	0.0	1504	488	?	Ss	Oct07	0:11	init [2]
nobody	9347	0.0	0.0	2340	1152	?	Ss	Oct07	0:00	proftpd: (accepting connections)
root	9489	0.0	0.0	1560	596	?	Ss	Oct07	0:30	/sbin/syslogd
root	9578	0.0	0.0	3468	1532	?	Ss	Oct07	0:57	/usr/sbin/sshd
daemon	9589	0.0	0.0	1684	628	?	Ss	Oct07	0:00	/usr/sbin/atd
root	9598	0.0	0.0	1756	712	?	Ss	Oct07	0:00	/usr/sbin/cron
juninho	11994	0.0	0.1	40444	2568	?	S	Oct12	0:01	./sc_serv
dj	12179	0.0	0.5	26760	8892	?	S	Oct12	0:00	./dj juninho.conf
nicole	21748	0.0	0.1	37716	1744	?	S	Oct16	0:00	./sc_serv
thiagoc	20284	0.0	0.2	5604	4348	?	Ss	Oct17	0:01	./ircd
thiagoc	22523	0.0	0.3	7320	5748	?	S	Oct17	0:01	./services

```

z80      7260 0.0 0.0 2616 1476 ?    S  Oct18  0:39 ./psybnc psybnc.conf
root     7689 0.0 0.3 6868 5412 ?    Ss Oct18  0:00 /usr/bin/perl
/usr/local/webmin/miniserv.pl /etc/webmin/miniserv.conf
corog    9986 0.0 0.0 2492 1452 ?    S  Oct18  0:03 ./psybnc
nescau   9631 0.0 0.4 16812 7136 ?    S  Oct18  0:06 ./eggdrop conf.ShellCenter
nescau   9635 0.0 0.1 12368 2600 ?    S  Oct18  0:00 ./eggdrop conf.Brigadeiro
erasmov  15592 0.0 0.1 12648 3012 ?    S  Oct18  0:00 ./eggdrop conf.Caxias
erasmov  15606 0.0 0.1 12360 2688 ?    S  Oct18  0:00 ./eggdrop conf.Info_Caxias
erasmov  15617 0.0 0.2 13408 3796 ?    S  Oct18  0:01 ./eggdrop conf.wall
erasmov  15634 0.0 0.1 12488 2768 ?    S  Oct18  0:00 ./eggdrop conf.PibCaxias
hostage  19692 0.0 0.1 12492 2720 ?    S  Oct18  0:13 ./eggdrop conf.Hostage
hostage  19695 0.0 0.1 12360 2604 ?    S  Oct18  0:07 ./eggdrop conf.WebHost
hostage  19698 0.0 0.1 12360 2608 ?    S  Oct18  0:09 ./eggdrop conf.AgitoJovem
hostage  19701 0.0 0.1 12360 2612 ?    S  Oct18  0:08 ./eggdrop conf.http
guthin   24388 0.0 0.1 12236 2792 ?    S  00:48  0:02 ./eggdrop flamengo.conf
guthin   24397 0.0 0.1 12220 2644 ?    S  00:48  0:00 ./eggdrop niteroi.conf
guthin   24410 0.0 0.1 12220 2600 ?    S  00:49  0:00 ./eggdrop -m teresina.conf
orpheus  25798 0.0 0.2 13052 3472 ?    S  00:55  0:00 ./eggdrop Rebelde.conf
orpheus  25808 0.0 0.2 12948 3316 ?    S  00:56  0:00 ./eggdrop RebeldeS.conf
niccole  28316 0.0 0.1 12360 2704 ?    S  01:18  0:00 ./eggdrop conf.Imortality
niccole  28319 0.0 0.1 12480 2716 ?    S  01:18  0:00 ./eggdrop conf.CaNaL_LeSblaN
canalir  29916 0.0 0.2 12920 3260 ?    S  01:26  0:00 ./eggdrop conf.CanaL_IRCplugado
canalir  29919 0.0 0.1 12488 2752 ?    S  01:26  0:00 ./eggdrop
conf.ANDRE_DOS_ANJOS_OFFline
fifabra  5449 0.0 0.1 12360 2600 ?    S  07:20  0:00 ./eggdrop conf.FBR
fifabra  5452 0.0 0.1 12364 2668 ?    S  07:20  0:00 ./eggdrop conf.FBRASIL
fifabra  5458 0.0 0.1 12232 2604 ?    S  07:20  0:00 ./eggdrop conf.FIFAMANIA
fifabra  5461 0.0 0.1 12364 2672 ?    S  07:20  0:00 ./eggdrop conf.PARCEIROS
root     14591 0.0 0.0 2492 840 ?    Rs 08:36  0:00 ps aux

```

```
[root@server ~]# vzctl exec 114 ps -eLf
```

```

UID      PID PPID LWP C NLWP STIME TTY      TIME CMD
root      1   0   1 0 1 Oct07 ?    00:00:11 init [2]
nobody   9347   1 9347 0 1 Oct07 ?    00:00:00 proftpd: (accepting connections)
root     9489   1 9489 0 1 Oct07 ?    00:00:30 /sbin/syslogd
root     9578   1 9578 0 1 Oct07 ?    00:00:57 /usr/sbin/sshd
daemon   9589   1 9589 0 1 Oct07 ?    00:00:00 /usr/sbin/atd
root     9598   1 9598 0 1 Oct07 ?    00:00:00 /usr/sbin/cron
juninho  11994   1 11994 0 5 Oct12 ?    00:00:01 ./sc_serv
juninho  11994   1 11995 0 5 Oct12 ?    00:00:40 ./sc_serv
juninho  11994   1 11996 0 5 Oct12 ?    00:03:50 ./sc_serv
juninho  11994   1 11997 0 5 Oct12 ?    00:00:31 ./sc_serv
juninho  11994   1 11998 0 5 Oct12 ?    00:00:00 ./sc_serv
dj       12179   1 12179 0 3 Oct12 ?    00:00:00 ./dj juninho.conf
dj       12179   1 12180 4 3 Oct12 ?    06:09:31 ./dj juninho.conf
dj       12179   1 12181 0 3 Oct12 ?    00:00:02 ./dj juninho.conf
nicole   21748   1 21748 0 5 Oct16 ?    00:00:00 ./sc_serv

```

nicole	21748	1	21749	0	5	Oct16 ?	00:00:12 ./sc_serv
nicole	21748	1	21750	0	5	Oct16 ?	00:01:18 ./sc_serv
nicole	21748	1	21751	0	5	Oct16 ?	00:00:12 ./sc_serv
nicole	21748	1	21752	0	5	Oct16 ?	00:00:00 ./sc_serv
thiagoc	20284	1	20284	0	1	Oct17 ?	00:00:01 ./ircd
thiagoc	22523	1	22523	0	1	Oct17 ?	00:00:01 ./services
z80	7260	1	7260	0	1	Oct18 ?	00:00:39 ./psybnc psybnc.conf
root	7689	1	7689	0	1	Oct18 ?	00:00:00 /usr/bin/perl /usr/local/webmin/miniserv.pl /etc/webmin/miniserv.conf
corog	9986	1	9986	0	1	Oct18 ?	00:00:03 ./psybnc
nescau	9631	1	9631	0	2	Oct18 ?	00:00:06 ./eggdrop conf.ShellCenter
nescau	9631	1	9632	0	2	Oct18 ?	00:00:00 ./eggdrop conf.ShellCenter
nescau	9635	1	9635	0	2	Oct18 ?	00:00:00 ./eggdrop conf.Brigadeiro
nescau	9635	1	9636	0	2	Oct18 ?	00:00:00 ./eggdrop conf.Brigadeiro
erasmov	15592	1	15592	0	2	Oct18 ?	00:00:00 ./eggdrop conf.Caxias
erasmov	15592	1	15593	0	2	Oct18 ?	00:00:00 ./eggdrop conf.Caxias
erasmov	15606	1	15606	0	2	Oct18 ?	00:00:00 ./eggdrop conf.Info_Caxias
erasmov	15606	1	15607	0	2	Oct18 ?	00:00:00 ./eggdrop conf.Info_Caxias
erasmov	15617	1	15617	0	2	Oct18 ?	00:00:01 ./eggdrop conf.wall
erasmov	15617	1	15618	0	2	Oct18 ?	00:00:00 ./eggdrop conf.wall
erasmov	15634	1	15634	0	2	Oct18 ?	00:00:00 ./eggdrop conf.PibCaxias
erasmov	15634	1	15635	0	2	Oct18 ?	00:00:00 ./eggdrop conf.PibCaxias
hostage	19692	1	19692	0	2	Oct18 ?	00:00:13 ./eggdrop conf.Hostage
hostage	19692	1	19693	0	2	Oct18 ?	00:00:01 ./eggdrop conf.Hostage
hostage	19695	1	19695	0	2	Oct18 ?	00:00:07 ./eggdrop conf.WebHost
hostage	19695	1	19696	0	2	Oct18 ?	00:00:00 ./eggdrop conf.WebHost
hostage	19698	1	19698	0	2	Oct18 ?	00:00:09 ./eggdrop conf.AgitoJovem
hostage	19698	1	19699	0	2	Oct18 ?	00:00:00 ./eggdrop conf.AgitoJovem
hostage	19701	1	19701	0	2	Oct18 ?	00:00:08 ./eggdrop conf.http
hostage	19701	1	19702	0	2	Oct18 ?	00:00:00 ./eggdrop conf.http
guthin	24388	1	24388	0	2	00:48 ?	00:00:02 ./eggdrop flamengo.conf
guthin	24388	1	24389	0	2	00:48 ?	00:00:00 ./eggdrop flamengo.conf
guthin	24397	1	24397	0	2	00:48 ?	00:00:00 ./eggdrop niteroi.conf
guthin	24397	1	24398	0	2	00:48 ?	00:00:00 ./eggdrop niteroi.conf
guthin	24410	1	24410	0	2	00:49 ?	00:00:00 ./eggdrop -m teresina.conf
guthin	24410	1	24411	0	2	00:49 ?	00:00:00 ./eggdrop -m teresina.conf
orpheus	25798	1	25798	0	2	00:55 ?	00:00:00 ./eggdrop Rebelde.conf
orpheus	25798	1	25799	0	2	00:55 ?	00:00:00 ./eggdrop Rebelde.conf
orpheus	25808	1	25808	0	2	00:56 ?	00:00:00 ./eggdrop RebeldeS.conf
orpheus	25808	1	25809	0	2	00:56 ?	00:00:00 ./eggdrop RebeldeS.conf
niccole	28316	1	28316	0	2	01:18 ?	00:00:00 ./eggdrop conf.Imortality
niccole	28316	1	28317	0	2	01:18 ?	00:00:00 ./eggdrop conf.Imortality
niccole	28319	1	28319	0	2	01:18 ?	00:00:00 ./eggdrop conf.CaNaL_LeSblaN
niccole	28319	1	28320	0	2	01:18 ?	00:00:00 ./eggdrop conf.CaNaL_LeSblaN
canalir	29916	1	29916	0	2	01:26 ?	00:00:00 ./eggdrop conf.CanaL_IRCplugado
canalir	29916	1	29917	0	2	01:26 ?	00:00:00 ./eggdrop conf.CanaL_IRCplugado
canalir	29919	1	29919	0	2	01:26 ?	00:00:00 ./eggdrop
conf.ANDRE_DOS_ANJOS_OFFline							

```
canalir 29919 1 29920 0 2 01:26 ? 00:00:00 ./eggdrop
conf.ANDRE_DOS_ANJOS_OFFline
fifabra 5449 1 5449 0 2 07:20 ? 00:00:00 ./eggdrop conf.FBR
fifabra 5449 1 5450 0 2 07:20 ? 00:00:00 ./eggdrop conf.FBR
fifabra 5452 1 5452 0 2 07:20 ? 00:00:00 ./eggdrop conf.FBRASIL
fifabra 5452 1 5453 0 2 07:20 ? 00:00:00 ./eggdrop conf.FBRASIL
fifabra 5458 1 5458 0 2 07:20 ? 00:00:00 ./eggdrop conf.FIFAMANIA
fifabra 5458 1 5459 0 2 07:20 ? 00:00:00 ./eggdrop conf.FIFAMANIA
fifabra 5461 1 5461 0 2 07:20 ? 00:00:00 ./eggdrop conf.PARCEIROS
fifabra 5461 1 5462 0 2 07:20 ? 00:00:00 ./eggdrop conf.PARCEIROS
root 14875 1 14875 0 1 08:39 ? 00:00:00 ps -eLf
```

Is there a way to check how much privvmpages each process is using to identify which one is using too much memory?

Regards,

Eugenio Pacheco

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