
Subject: Re: Where can we download the "vzstat" source code?

Posted by [dev](#) on Thu, 20 Apr 2006 06:03:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

You can use /proc/vz/vestat file:

```
[root@tst ~]# cat /proc/vz/vestat
```

Version: 2.2

VEID	user	nice	system	uptime	idle	strv	uptime
used	maxlat	totlat	numsched				
100	0	0	5063	40598698	70123626936598		0
35069066535737		8612439976		2314	737714316	53144	

in this file for each VPS you have:

1. "user nice system uptime" in jiffies. i.e. divide by jiffies_per_second to get seconds (see below).
2. "idle strv uptime used" in cycles. much more accurate. seconds = used / cycles_per_jiffy / jiffies_per_seconds.
3. values of cycles_per_jiffy and jiffies_per_seconds can be read from /proc/vz/stats

BTW, while looking into this I found a small misprint in /proc/vz/vestat output code, so thank you very much

```
--- ./kernel/vecalls.c.userm 2006-04-07 19:04:46.000000000 +0400
```

```
+++ ./kernel/vecalls.c 2006-04-20 10:05:24.000000000 +0400
```

```
@ @ -2875,7 +2875,7 @ @ static int vestat_seq_show(struct seq_fi
```

```
idle_time = strv_time = used = 0;
```

```
for (cpu = 0; cpu < NR_CPUS; cpu++) {
```

```
- user_ve += VE_CPU_STATS(ve, cpu)->nice;
```

```
+ user_ve += VE_CPU_STATS(ve, cpu)->user;
```

```
nice_ve += VE_CPU_STATS(ve, cpu)->nice;
```

```
system_ve += VE_CPU_STATS(ve, cpu)->system;
```

```
used += VE_CPU_STATS(ve, cpu)->used_time;
```