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

Posted by [dev](#) on Mon, 29 Oct 2007 08:31:17 GMT

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it's quite easy:

```
[root@dhcp0-95 ~]# cat /proc/vz/vestat
```

Version: 2.2

VEID	user	nice	system	uptime	idle
strv	uptime	used	maxlat	totlat	numsched
100	1634	0	1712	343011435	
1277332114762816	0	638679179771038		16971458021	4921
5633592426	145722				
1	157635	0	29103	488618806	
1818929923633445	0	909796661898187		512196984005	4858
50362877628	2524559				
101	759	0	1844	488627361	
1819537209544684	0	909812591751777		33663331702	4529
10257230389	713559				
103	765	0	1468	488628230	
1819533866071061	0	909814208459884		28408677122	5117
11686660006	712016				
105	4522	0	5088	488628270	
1819572969105220	0	909814283772065		22621645151	4949
7557632985	125350				

- column 1 "VEID": VE id

- column 2 "user", 3 "nice", 4 "system", 5 "uptime" - corresponding std user/nice/system/uptime values in jiffies to standalone linux /proc/stat. Note, there is no "idle" time here, since it can't be calculated this way.

the next group comes in cycles units:

- column 6 "idle" - idle time, 7 "strv" - not used, 8 "uptime" - uptime in cycles, 9 "used" - used time by VE across all CPUs in cycles

the next group is scheduling latency statistics in cycles:

- column 10 "maxlat" - max latency in cycles meaning how long VE process has to wait before it actually got CPU time.

- column 11/12 "totlat/numsched", i.e. divide 11 on 12 to get average scheduling latency.

you can also read:

```
[root@dhcp0-95 ~]# cat /proc/vz/stats
```

Version: 2.6

cycles_per_jiffy: 1860831

jiffies_per_second: 1000

to understand how many cycles and jiffies are per second.
