
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

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

- 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.
