
Subject: Re: Per container statistics (containerstats)
Posted by [Balbir Singh](#) on Fri, 08 Jun 2007 02:44:01 GMT
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Andrew Morton wrote:

> On Fri, 08 Jun 2007 07:51:12 +0530 Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

>

>> Andrew Morton wrote:

>>> I'd have hoped to see containerstats.c in here.

>>>

>> The current statistics code is really small, so it fit into taskstats.c.

>> May be in the future, we could re-factor it and move it out.

>

> I was referring to your userspace tool which reads this stuff. The one

> which you described in the changelog.

>

Ahh.. yes.. I'll make the changes and repost with the tool.

>>>> + rcu_read_lock();

>>>> +

>>>> + for_each_root(root) {

>>>> + if (!root->subsys_bits)

>>>> + continue;

>>>> + root_cont = &root->top_container;

>>>> + get_first_subsys(root_cont, NULL, &subsys_id);

>>>> + do_each_thread(g, p) {

>>> this needs tasklist_lock?

>>>

>> rcu_read_lock() should be fine. From Eric's patch at

>>

>> 2.6.17-mm2 - proc-remove-tasklist_lock-from-proc_pid_readdir.patch

>>

>> The patch mentions that "We don't need the tasklist_lock to safely

>> iterate through processes anymore."

>>

>

> oh, OK. rcu_read_lock() is the new lock_kernel() - always hard to tell

> what it's locking.

>

:-) I'll add a comment to make it clearer.

--

Warm Regards,

Balbir Singh

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