
Subject: Re: Unable to remove control groups on 2.6.23-rc8-mm1

Posted by [Balbir Singh](#) on Wed, 26 Sep 2007 03:25:31 GMT

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

Badari Pulavarty wrote:

> Hi,

>

> I am playing with control groups on 2.6.23-rc8-mm1.

>

> I am able to mount cgroup and create subgroups. I was able

> to move some tasks into them. But, after killing tasks I am

> not able to remove the subgroups. Any idea on why ?

>

> Thanks,

> Badari

>

Badari,

We account for page cache usage as well now, I suspect you most likely have page/swap cache pages charged to the container.

You can try several options (some documented in Documentation/controllers/memory.txt)

1. Try executing `sync; echo 1 > /proc/sys/vm/drop_caches` and then remove the directory
2. Prior to assigning tasks, set `memory.control_type` to 1, that tracks only RSS pages. You'll find `memory.usage_in_bytes` go to zero as soon as all the tasks exit
3. Set `notify_on_release` and use the `release_agent` and `releasable` to free the container once all pages charged to it are freed.

I wonder if I should provide a `force_reclaim` (hard to guarantee it will work) for each container, so that the container can be freed.

--

Warm Regards,

Balbir Singh

Linux Technology Center

IBM, ISTL

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
