
Subject: Re: [PATCH] fix bad behavior in use_hierarchy file

Posted by [Ying Han](#) on Mon, 23 Jul 2012 17:22:03 GMT

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On Tue, Jun 26, 2012 at 12:56 AM, Michal Hocko <mhocko@suse.cz> wrote:
> [Adding Ying to CC - they are using hierarchies AFAIU in their workloads]

Sorry for late (a month late) to the thread.

Our current production today doesn't support multi-hierarchy setup for memcg, and all the cgroups are flat under root at least on the memory resource perspective. However, we do have use_hierarchy set to 1 to root cgroup upfront.

On the other hand, we started exploring nested cgroup since the flat configuration doesn't fulfill all our usecases. In that case, we will have configurations like: root-> A -> B -> C (not sure about C but at least level to B). Of course, we will have use_hierarchy set to 1 on each level, and the mixed setting won't happen AFAIK.

--Ying

>

> On Mon 25-06-12 13:49:08, Tejun Heo wrote:

> [...]

>> A bit of delta but is there any chance we can either deprecate

>> .use_hierarchy or at least make it global toggle instead of subtree

>> thing?

>

> So what you are proposing is to have all subtrees of the root either

> hierarchical or not, right?

>

>> This seems needlessly complicated. :(

>

> Toggle wouldn't help much I am afraid. We would still have to

> distinguish (non)hierarchical cases. And I am not sure we can make

> everything hierarchical easily.

> Most users (from my experience) ignored use_hierarchy for some reasons

> and the end results might be really unexpected for them if they used

> deeper subtrees (which might be needed due to combination with other

> controller(s)).

> --

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