
Subject: Re: [PATCH 2/3] make clone_children a flag
Posted by [Glauber Costa](#) on Wed, 14 Dec 2011 07:09:14 GMT
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On 12/14/2011 06:29 AM, Li Zefan wrote:

> Tejun Heo wrote:

>> On Sun, Dec 11, 2011 at 03:45:37PM +0100, Glauber Costa wrote:

>>> There is no reason to have a flags field, and then a separate

>>> bool field just to indicate if the clone_children flag is set.

>>> Make it a flag

>>>

>>> Signed-off-by: Glauber Costa<glommer@parallels.com>

>>

>> Doesn't this change how remount conditions are checked?

>>

Well, I was thinking it wouldn't, because I patched all callers. But I forget life is not always that simple: After you mentioned, I checked and we do test for changes in the flag field explicitly on remount. So I missed that, indeed.

> Right. Currently we can do this:

>

> # mount -t cgroup xxx /mnt

> # mount -o remount,clone_children /mnt

>

> with this patch, the above remount will fail.

>

> But..the current behaviour of remount is a bit confusing in that remount

> with/without "clone_children" has no effect on anything:

>

> # mount -t cgroup -o clone_children xxx /mnt

> # cat /mnt/cgroup.clone_children

> 1

> # mount -o remount xxx /mnt

> # mount | grep cgroup

> xxx on /mnt type cgroup (rw,clone_children)

> # cat /mnt/cgroup.clone_children

> 1

That's indeed confusing, and it comes from the fact that we always inherit clone_children from the parent - which is sane, IMHO. So this flag only has any value in establishing the initial behaviour of the top root cgroup. I wonder then if it wouldn't better to just be explicit and fail in this case ?