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Subject: Re: [PATCH 1/3] cgroup - removing superfluous rcu\_read\_lock\_held check  
Posted by [Li Zefan](#) on Tue, 02 Nov 2010 17:54:55 GMT

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> hi,

This..

> the rcu\_dereference\_check is defined as

>

> #define rcu\_dereference\_check(p, c) \

> \_\_rcu\_dereference\_check((p), rcu\_read\_lock\_held() || (c), \_\_rcu)

>

> so the caller does not need to specify rcu\_read\_lock\_held() condition.

>

> wbr,

> jirka

and this should be excluded from the changelog.

>

>

> Signed-off-by: Jiri Olsa <jolsa@redhat.com>

Reviewed-by: Li Zefan <lizf@cn.fujitsu.com>

However a nitpick:

> ---

> include/linux/cgroup.h | 1 -

> kernel/cgroup.c | 6 +++---

> 2 files changed, 2 insertions(+), 5 deletions(-)

...

> @@ -4544,7 +4542,7 @@ unsigned short css\_id(struct cgroup\_subsys\_state \*css)

> \* it's unchanged until freed.

> \*/

> cssid = rcu\_dereference\_check(css->id,

> - rcu\_read\_lock\_held() || atomic\_read(&css->refcnt));

> + atomic\_read(&css->refcnt));

Now the 2 lines can be made into one line and still fit into 80 chars.

>

> if (cssid)

> return cssid->id;

> @@ -4557,7 +4555,7 @@ unsigned short css\_depth(struct cgroup\_subsys\_state \*css)

```
> struct css_id *cssid;
>
> cssid = rcu_dereference_check(css->id,
> - rcu_read_lock_held() || atomic_read(&css->refcnt));
> + atomic_read(&css->refcnt));
```

dito

```
>
> if (cssid)
>   return cssid->depth;
```

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Containers mailing list

Containers@lists.linux-foundation.org

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

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