
Subject: Re: [PATCH 1/3] Typedefs the read and write functions in cftype
Posted by [Paul Menage](#) on Thu, 04 Oct 2007 15:18:22 GMT
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On 10/4/07, Pavel Emelyanov <xemul@openvz.org> wrote:

> This is just to reduce the code amount in the future.

>

> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Acked-by: Paul Menage <menage@google.com>

>

> ---

>

> diff --git a/include/linux/cgroup.h b/include/linux/cgroup.h

> index 8747932..0635004 100644

> --- a/include/linux/cgroup.h

> +++ b/include/linux/cgroup.h

> @@ -178,6 +178,15 @@ struct css_set {

> * - the 'cftype' of the file is file->f_dentry->d_fsdata

> */

>

> +struct cftype;

> +

> +typedef ssize_t (*cft_read) (struct cgroup *cont, struct cftype *cft,

> + struct file *file,

> + char __user *buf, size_t nbytes, loff_t *ppos);

> +typedef ssize_t (*cft_write) (struct cgroup *cont, struct cftype *cft,

> + struct file *file,

> + const char __user *buf, size_t nbytes, loff_t *ppos);

> +

> #define MAX_CFTYPE_NAME 64

> struct cftype {

> /* By convention, the name should begin with the name of the

> @@ -185,18 +194,14 @@ struct cftype {

> char name[MAX_CFTYPE_NAME];

> int private;

> int (*open) (struct inode *inode, struct file *file);

> - ssize_t (*read) (struct cgroup *cont, struct cftype *cft,

> - struct file *file,

> - char __user *buf, size_t nbytes, loff_t *ppos);

> + cft_read read;

> /*

> * read_uint() is a shortcut for the common case of returning a

> * single integer. Use it in place of read()

> */

> u64 (*read_uint) (struct cgroup *cont, struct cftype *cft);

> - ssize_t (*write) (struct cgroup *cont, struct cftype *cft,

```
> -          struct file *file,  
> -          const char __user *buf, size_t nbytes, loff_t *ppos);  
>  
> +      cft_write write;  
>      /*  
>      * write_uint() is a shortcut for the common case of accepting  
>      * a single integer (as parsed by simple_strtoul) from  
>  
>
```

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
