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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 'ctype' of the file is file->f\_dentry->d\_fsd  
> \*/  
>  
> +struct ctype;  
> +  
> +typedef ssize\_t (\*cft\_read) (struct cgroup \*cont, struct ctype \*cft,  
> + struct file \*file,  
> + char \_\_user \*buf, size\_t nbytes, loff\_t \*ppos);  
> +typedef ssize\_t (\*cft\_write) (struct cgroup \*cont, struct ctype \*cft,  
> + struct file \*file,  
> + const char \_\_user \*buf, size\_t nbytes, loff\_t \*ppos);  
> +  
> #define MAX\_CFTYPE\_NAME 64  
> struct ctype {  
> /\* By convention, the name should begin with the name of the  
> @@ -185,18 +194,14 @@ struct ctype {  
> char name[MAX\_CFTYPE\_NAME];  
> int private;  
> int (\*open) (struct inode \*inode, struct file \*file);  
> - ssize\_t (\*read) (struct cgroup \*cont, struct ctype \*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 ctype \*cft);  
> - ssize\_t (\*write) (struct cgroup \*cont, struct ctype \*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 strtoull) from
>
>
```

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