
Subject: Re: [PATCH 1/7][QUOTA] Move sysctl management code under ifdef CONFIG_SYSCTL

Posted by [Pavel Emelianov](#) on Tue, 04 Dec 2007 09:31:37 GMT

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Andrew Morton wrote:

> On Tue, 04 Dec 2007 11:58:30 +0300 Pavel Emelyanov <xemul@openvz.org> wrote:

>

>>>> +#ifdef CONFIG_SYSCTL

>>>> register_sysctl_table(sys_table);

>>>> +#endif

>>>>

>>>> dquot_cachep = kmem_cache_create("dquot",

>>>> sizeof(struct dquot), sizeof(unsigned long) * 4,

>>> We should avoid the ifdefs around the register_sysctl_table() call.

>>>

>>> At present the !CONFIG_SYSCTL implementation of register_sysctl_table() is

>>> a non-inlined NULL-returning stub. All we have to do is to inline that stub

>>> then these ifdefs can go away.

>> What if some code checks for the return value to be not-NULL? In case

>> CONFIG_SYSCTL=n this code will always think, that the registration failed.

>

> The stub function should return success?

Well, I think yes. If some functionality is turned off, then the caller should think that everything is going fine (or he should explicitly removes the call to it with some other ifdef).

At least this is true for stubs that return the error code, not the pointer. E.g. copy_semundo() always returns success if SYSVIPC is off, or namespaces cloning routines act in a similar way.

Thus I though, that routines, that return pointers should better report that everything is OK (somehow) to reduce the number of "helpers" in the outer code. No?

Thanks,
Pavel
