Subject: Re: [PATCH] An attempt to have an unlimitedly extendable sys_clone
Posted by Daniel Hokka Zakrisso on Wed, 16 Jan 2008 08:07:21 GMT
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I wrote:
> Pavel Emelyanov wrote:
>> [snip]
>>
>>>> +static struct long_clone_arg *get_long_clone_arg(int __user
>>>> *child_tidptr)
>>>> +{
>>>> + int size;
>>>> + struct long_clone_arg *carg;
>>>> +
>>>> + if (get_user(size, child_tidptr))
>>>> + return ERR_PTR(-EFAULT);
>>>> +
>>>> + if (size > sizeof(struct long_clone_arg))
>>>> + return ERR_PTR(-EINVAL);
>>>
>>> This means that software built against a newer kernel won't work on an
>>> older one. Surely that's not intended?
>>
>> It is intended. If I ask an old kernel to clone the mq namespace, but
>> it doesn't support such, that I'd better like to get an -EINVAL error
>> rather than be silently held in an old global namespace.
>
> That rules out using the struct for things like child_tidptr, the desired
> pid for C/R, etc. I think the version Dave Hansen proposed would be
> better, or if it's really just for bits, use an array rather than a struct
> to make that obvious.

s/Dave Hansen/Oren Laadan/
Sorry, too early for me.

>> [snip]
>>

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Daniel Hokka Zakrisson

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