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Subject: Re: [RFC][PATCH 1/2] add user namespace [try #2]

Posted by [dev](#) on Tue, 12 Sep 2006 13:53:50 GMT

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Eric W. Biederman wrote:

> Kirill Korotaev <[dev@sw.ru](mailto:dev@sw.ru)> writes:

>

>

>>BTW...

>>

>>

>>>--- 2.6.18-rc4-mm3.orig/include/linux/sched.h

>>>+++ 2.6.18-rc4-mm3/include/linux/sched.h

>>>@@ -26,6 +26,7 @@

>>>#define CLONE\_STOPPED 0x02000000 /\* Start in stopped state \*/

>>> #define CLONE\_NEWUTS 0x04000000 /\* New utsname group? \*/

>>> #define CLONE\_NEWIPC 0x08000000 /\* New ipc \*/

>>>+ #define CLONE\_NEWUSER 0x10000000 /\* New user \*/

>>

>>we have place for 3 namespaces more only.

>>Does anyone have a plan what to do then?

>>I warned about this at the beginning when we were discussing the interfaces

>>and this flags soon going to be exhausted, so probably it is time to

>>do something in advance...

>

>

> Actually there is another unused bit in the middle :)

> Plus there are a bunch of bits that unshare can use but clone can't.

:))) I suggest to write HOWTO-select-unused-bits in CodingStyle :))

> Plus what other namespaces are on the todo list?

> We have network, and pid, and time.

I think more.

proc-ns,

sysfs-ns,

printk-ns or syslog-ns?: syslog should be virtualized

and more...

semi-namespaces:

fs-ns (should regulate which filesystems are accessible from container, but probably this is not exact name space... need to think over...),

dev-ns (should regulate which devices are accessible from container)

Thanks,

Kirill

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