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

Posted by [dev](#) on Fri, 08 Sep 2006 15:45:02 GMT

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> On Thu, Sep 07, 2006 at 08:05:30PM +0400, Kirill Korotaev wrote:

>

>>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 ipcns */

>>>+ #define CLONE_NEWUSER 0x10000000 /* New user */

>>

>>we have place for 3 namespaces more only.

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

>

>

> what about having a new clone syscall with 32 or

> better 64 bits reserved for namespace stuff, and

> only put basic/generic namespaces or even aggregate

> flags into the existing clone interface?

>

> something like: uts+ipc+user -> CLONE_NEWXYZ

> but CLONE2_NEWUTS, CLONE2_NEWIPC, CLONE2_NEWUSER

I would suggest to do it another way then:

remove CLONES_NEWXXXNS from clone() at all (except for MNT NS for compatibility)

and introduce sys_clone_ns() with totally new 64bit flags like

CLONE_NS_UTS

CLONE_NS_IPC

CLONE_NS_USER

CLONE_NS_NET

etc.

Thanks,

Kirill
