
Subject: [RFC][PATCH 11/14] Remove pid ns field from nsproxy
Posted by [Sukadev Bhattiprolu](#) on Wed, 21 Mar 2007 03:23:12 GMT
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From: Sukadev Bhattiprolu <sukadev@us.ibm.com>
Subject: [RFC][PATCH 11/14] Remove pid ns field from nsproxy

Remove pid_ns field from nsproxy since we now use pid->pid_nrs list to find our pid namespace.

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include/linux/init_task.h | 1 -
include/linux/nsproxy.h | 2 --
kernel/nsproxy.c | 10 -----
3 files changed, 13 deletions(-)

Index: 2.6.21-rc3-mm2/include/linux/init_task.h

=====

--- 2.6.21-rc3-mm2.orig/include/linux/init_task.h
+++ 2.6.21-rc3-mm2/include/linux/init_task.h
@@ -72,7 +72,6 @@

extern struct nsproxy init_nsproxy;
#define INIT_NS_PROXY(nsproxy) { \

- .pid_ns = &init_pid_ns, \

.count = ATOMIC_INIT(1), \

.nslock = __SPIN_LOCK_UNLOCKED(nsproxy.nslock), \

.uts_ns = &init_uts_ns, \

Index: 2.6.21-rc3-mm2/include/linux/nsproxy.h

=====

--- 2.6.21-rc3-mm2.orig/include/linux/nsproxy.h
+++ 2.6.21-rc3-mm2/include/linux/nsproxy.h
@@ -7,7 +7,6 @@

struct mnt_namespace;
struct uts_namespace;
struct ipc_namespace;
-struct pid_namespace;

/*

* A structure to contain pointers to all per-process

@@ -27,7 +26,6 @@ struct nsproxy {

struct uts_namespace *uts_ns;
struct ipc_namespace *ipc_ns;
struct mnt_namespace *mnt_ns;
- struct pid_namespace *pid_ns;
};

extern struct nsproxy init_nsproxy;

Index: 2.6.21-rc3-mm2/kernel/nsproxy.c

--- 2.6.21-rc3-mm2.orig/kernel/nsproxy.c

+++ 2.6.21-rc3-mm2/kernel/nsproxy.c

@@ -19,7 +19,6 @@

#include <linux/init_task.h>

#include <linux/mnt_namespace.h>

#include <linux/utsname.h>

-#include <linux/pid_namespace.h>

struct nsproxy init_nsproxy = INIT_NS_PROXY(init_nsproxy);

@@ -75,15 +74,8 @@ static struct nsproxy *create_new_namesp

if (IS_ERR(new_nsp->ipc_ns))

goto out_ipc;

- new_nsp->pid_ns = copy_pid_ns(flags, tsk->nsproxy->pid_ns);

- if (IS_ERR(new_nsp->pid_ns))

- goto out_pid;

-

return new_nsp;

-out_pid:

- if (new_nsp->ipc_ns)

- put_ipc_ns(new_nsp->ipc_ns);

out_ipc:

if (new_nsp->uts_ns)

put_uts_ns(new_nsp->uts_ns);

@@ -138,8 +130,6 @@ void free_nsproxy(struct nsproxy *ns)

put_uts_ns(ns->uts_ns);

if (ns->ipc_ns)

put_ipc_ns(ns->ipc_ns);

- if (ns->pid_ns)

- put_pid_ns(ns->pid_ns);

kfree(ns);

}

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