
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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