
Subject: - attach_pid-with-struct-pid-parameter.patch removed from -mm tree
Posted by [Andrew Morton](#) on Thu, 01 Feb 2007 01:25:06 GMT

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The patch titled
attach_pid() with struct pid parameter
has been removed from the -mm tree. Its filename was
attach_pid-with-struct-pid-parameter.patch

This patch was dropped because an updated version will be merged

Subject: attach_pid() with struct pid parameter
From: Sukadev Bhattiprolu <sukadev@us.ibm.com>

Implement a new version of attach_pid() with a struct pid parameter and wrap
find_attach_pid() around it. attach_pid() would also be used in subsequent
container patches.

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Signed-off-by: Andrew Morton <akpm@osdl.org>

include/linux/pid.h | 28 ++++++-----
kernel/pid.c | 7 +++
2 files changed, 20 insertions(+), 15 deletions(-)

diff -puN include/linux/pid.h~attach_pid-with-struct-pid-parameter include/linux/pid.h

--- a/include/linux/pid.h~attach_pid-with-struct-pid-parameter

+++ a/include/linux/pid.h

@@ -72,17 +72,6 @@ extern struct task_struct *FASTCALL(get_
extern struct pid *get_task_pid(struct task_struct *task, enum pid_type type);

/*

- * find_attach_pid() and detach_pid() must be called with the tasklist_lock
- * write-held.

- */

-extern int FASTCALL(find_attach_pid(struct task_struct *task,
- enum pid_type type, int nr));

-

-extern void FASTCALL(detach_pid(struct task_struct *task, enum pid_type));

-extern void FASTCALL(transfer_pid(struct task_struct *old,
- struct task_struct *new, enum pid_type));

-

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-/*
 * look up a PID in the hash table. Must be called with the tasklist_lock
 * or rcu_read_lock() held.
 */
@@ -94,6 +83,23 @@ extern struct pid *FASTCALL(find_pid(int
extern struct pid *find_get_pid(int nr);
extern struct pid *find_ge_pid(int nr);

+/*
+ * attach_pid(), find_attach_pid() and detach_pid() must be called with the
+ * tasklist_lock write-held.
+ */
+extern int FASTCALL(attach_pid(struct task_struct *task, enum pid_type type,
+ struct pid *pid));
+
+static inline int find_attach_pid(struct task_struct *task, enum pid_type type,
+ int nr)
+{
+ return attach_pid(task, type, find_pid(nr));
+}
+
+extern void FASTCALL(detach_pid(struct task_struct *task, enum pid_type));
+extern void FASTCALL(transfer_pid(struct task_struct *old,
+ struct task_struct *new, enum pid_type));
+
extern struct pid *alloc_pid(void);
extern void FASTCALL(free_pid(struct pid *pid));

diff -puN kernel/pid.c~attach_pid-with-struct-pid-parameter kernel/pid.c
--- a/kernel/pid.c~attach_pid-with-struct-pid-parameter
+++ a/kernel/pid.c
@@ -247,14 +247,13 @@ struct pid *fastcall find_pid(int nr)
}
EXPORT_SYMBOL_GPL(find_pid);

-int fastcall find_attach_pid(struct task_struct *task, enum pid_type type,
- int nr)
+int fastcall attach_pid(struct task_struct *task, enum pid_type type,
+ struct pid *pid)
{
 struct pid_link *link;
- struct pid *pid;

 link = &task->pids[type];
- link->pid = pid = find_pid(nr);
+ link->pid = pid;
 hlist_add_head_rcu(&link->node, &pid->tasks[type]);

```

```
return 0;
```

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Patches currently in -mm which might be from sukadev@us.ibm.com are

attach_pid-with-struct-pid-parameter.patch
remove-find_attach_pid.patch
statically-initialize-struct-pid-for-swapper.patch
explicitly-set-pgid-sid-of-init.patch

Containers mailing list
Containers@lists.osdl.org
<https://lists.osdl.org/mailman/listinfo/containers>
