Subject: [PATCH 20/20] Remove the struct pid unneeded fields
Posted by Pavel Emelianov on Tue, 07 Aug 2007 09:30:14 GMT
View Forum Message <> Reply to Message

Since we've switched from using pid->nr to pid->upids->nr some
fields on struct pid are no longer needed

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

---

include/linux/init_task.h | 3 ---
include/linux/pid.h | 3 ---
kernel/pid.c | 1 -
3 files changed, 7 deletions(-)

```
--- ./include/linux/init_task.h.ve17 2007-08-06 14:14:02.000000000 +0400
+++ ./include/linux/init_task.h 2007-08-06 14:14:02.000000000 +0400
@@ -93,9 +93,6 @@ extern struct group_info init_groups;

 #define INIT_STRUCT_PID {      \
  .count   = ATOMIC_INIT(1),    \
- .nr  = 0,       \
- /* Don't put this struct pid in pid_hash */   \
- .pid_chain = { .next = NULL, .pprev = NULL },  \
  .tasks  = {      \
   { .first = &init_task.pids[PIDTYPE_PID].node },  \
   { .first = &init_task.pids[PIDTYPE_PGID].node }, \
--- ./include/linux/pid.h.ve17 2007-08-06 14:14:02.000000000 +0400
+++ ./include/linux/pid.h 2007-08-06 14:14:02.000000000 +0400
@@ -57,9 +57,6 @@ struct upid {
 struct pid
 {
  atomic_t count;
- /* Try to keep pid_chain in the same cacheline as nr for find_pid */
- int nr;
- struct hlist_node pid_chain;
  /* lists of tasks that use this pid */
  struct hlist_head tasks[PIDTYPE_MAX];
  struct rcu_head rcu;
--- ./kernel/pid.c.ve17 2007-08-06 14:14:02.000000000 +0400
+++ ./kernel/pid.c 2007-08-06 14:14:18.000000000 +0400
@@ -259,7 +259,6 @@ struct pid *alloc_pid(struct pid_namespa

  get_pid_ns(ns);
  pid->level = ns->level;
- pid->nr = pid->numbers[0].nr;
  atomic_set(&pid->count, 1);
```

```
for (type = 0; type < PIDTYPE_MAX; ++type)
 INIT_HLIST_HEAD(&pid->tasks[type]);
```