Subject: [PATCH 20/20] Remove the struct pid unneeded fields
Posted by Pavel Emelianov on Fri, 10 Aug 2007 11:48:30 GMT
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Since we've switched from using pid->nr to pid->upids->nr some
fields on struct pid are no longer needed

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---

 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]);
```