
Subject: [PATCH 5/28] [PREP 5/14] Split INIT_STRUCT_PID into two parts

Posted by [Pavel Emelianov](#) on Fri, 15 Jun 2007 16:03:37 GMT

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Virtual pids will have their own meanings of pid numerical ids, so when initializing init_pid we need to split the data referring to the struct pid itself and to the ids of the pid

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

init_task.h | 13 ++++++++---

1 files changed, 10 insertions(+), 3 deletions(-)

diff --git a/include/linux/init_task.h b/include/linux/init_task.h

index 276ccaa..ef10654 100644

--- a/include/linux/init_task.h

+++ b/include/linux/init_task.h

@@ -89,17 +89,24 @@ extern struct nsproxy init_nsproxy;

extern struct group_info init_groups;

```
-#define INIT_STRUCT_PID {    \
- .count = ATOMIC_INIT(1),    \
- .nr = 0,                    \
+ #ifndef CONFIG_PID_NS
+ #define INIT_STRUCT_PID_NRS    \
+ .nr = 0,                    \
    /* Don't put this struct pid in pid_hash */    \
    .pid_chain = { .next = NULL, .pprev = NULL },    \
+
+ #else
+ #endif
+
+ #define INIT_STRUCT_PID {    \
+ .count = ATOMIC_INIT(1),    \
+ .tasks = {    \
+     { .first = &init_task.pids[PIDTYPE_PID].node },    \
+     { .first = &init_task.pids[PIDTYPE_PGID].node },    \
+     { .first = &init_task.pids[PIDTYPE_SID].node },    \
+ },    \
+ .rcu = RCU_HEAD_INIT,    \
+ INIT_STRUCT_PID_NRS    \
+ }

#define INIT_PID_LINK(type)    \
```

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