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Subject: [PATCH 2/13] Small preparations for namespaces  
Posted by [Pavel Emelianov](#) on Thu, 24 May 2007 12:37:31 GMT  
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This includes #ifdefs in get/put\_pid\_ns and rewriting the child\_reaper() function to the more logical view.

This doesn't fit logically into any other patch so I decided to make it separate.

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

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```
diff --git a/include/linux/pid_namespace.h b/include/linux/pid_namespace.h
index 169c6c2..7af7191 100644
--- a/include/linux/pid_namespace.h
+++ b/include/linux/pid_namespace.h
@@ -26,7 +26,9 @@ extern struct pid_namespace init_pid_ns;

static inline void get_pid_ns(struct pid_namespace *ns)
{
+#ifdef CONFIG_PID_NS
  kref_get(&ns->kref);
+#endif
}

extern struct pid_namespace *copy_pid_ns(int flags, struct pid_namespace *ns);
@@ -34,12 +36,15 @@ extern void free_pid_ns(struct kref *kre

static inline void put_pid_ns(struct pid_namespace *ns)
{
+#ifdef CONFIG_PID_NS
  kref_put(&ns->kref, free_pid_ns);
+#endif
}

static inline struct task_struct *child_reaper(struct task_struct *tsk)
{
- return init_pid_ns.child_reaper;
+ BUG_ON(tsk != current);
+ return tsk->nsproxy->pid_ns->child_reaper;
}

#endif /* _LINUX_PID_NS_H */
```