
Subject: [PATCH 28/28] CONFIG_PID_NS kconfig option
Posted by [Pavel Emelianov](#) on Fri, 15 Jun 2007 16:31:18 GMT
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There's CONFIG_PID_NS option to turn on the pid virtualization
and the "choise" for the model type depending on it.

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Kconfig | 30 ++++++
1 files changed, 30 insertions(+)

```
diff --git a/init/Kconfig b/init/Kconfig
index 2a46e35..6b2cbcf 100644
--- a/init/Kconfig
+++ b/init/Kconfig
@@ -127,6 +127,36 @@ config SWAP_PREFETCH
    Workstations and multiuser workstation servers will most likely want
    to say Y.
```

```
+config PID_NS
+ bool "Pid namespaces"
+ depends on EXPERIMENTAL
+ default n
+ help
+   Enable pid namespaces support. When on task is allowed to unshare
+   its pid namespace from parent and become its init. After this task
+   all its children will see only the tasks from this namespace.
+   However tasks from parent namespace see all the tasks in the system.
+   Only one level of nesting is allowed. Tasks cannot leave the namespace.
+
+choice
+ prompt "Select pid namespace model"
+ default PID_NS_FLAT
+ depends on PID_NS
+ help
+   This option selects a pid namespace model
+
+config PID_NS_FLAT
+ bool "Flat pid namespace"
+ help
+   Enable only one level of pid namespaces.
+
+config PID_NS_MULTILEVEL
+ bool "Multilevel pid namespaces"
+ help
```

```
+ Enable creating pid namespaces of infinite nesting.  
+  
+endchoice  
+  
config SYSVIPC  
    bool "System V IPC"  
    ---help---
```

Containers mailing list
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