
Subject: [PATCH 0/7] Start using sysctl paths in the core kernel code
Posted by [Pavel Emelianov](#) on Fri, 30 Nov 2007 12:58:29 GMT
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The patches from Eric, that add support for so called ctl_paths has recently being accepted, so I hope we can start using this very useful feature.

To begin with, I switched the core kernel code to use the paths. The rest code to be patched (after this set) will be:

- * arch-specifi,
- * some filesystems,
- * networking.

After this set the total vmlinux size decrease is ~500 bytes:

add/remove: 5/6 grow/shrink: 5/1 up/down: 121/-616 (-495)

function	old	new	delta
mq_sysctl_path	-	24	+24
fs_quota_path	-	24	+24
uts_root_path	-	16	+16
sd_ctl_path	-	16	+16
ipc_root_path	-	16	+16
utsname_sysctl_init	13	18	+5
register_sched_domain_sysctl		762	767 +5
ipc_sysctl_init	13	18	+5
init_mqueue_fs	165	170	+5
dquot_init	191	196	+5
uts_root_table	88	-	-88
sys_table	88	-	-88
sd_ctl_root	88	-	-88
mq_sysctl_root	88	-	-88
mq_sysctl_dir	88	-	-88
ipc_root_table	88	-	-88
fs_table	792	704	-88

The set is prepared to fit the 2.6.24-rc3-mm2 kernel with Eric's patches concerning sysctls.

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