Subject: [PATCH net-2.6.25 0/6] Use ctl paths in the networking code.
Posted by Pavel Emelianov on Tue, 08 Jan 2008 15:49:55 GMT
View Forum Message <> Reply to Message

This set almost completes the ctl paths usage in the networking code. The first patches doing this were accepted in the last year :), but they tuned only core, ipv4 and ipv6.

I thought, that splitting this into many subsystem would produce too many patches, so I splitted it so, that most subsystems that are patched in a very similar way are merged into one patch to make the review easier. Hope this is OK.

After this set the vmlinux size becomes almost 4Kb less (when all patched files are built-in):

add/remove: 16/40 grow/shrink: 18/6 up/down: 486/-4394 (-3908)

function	old	new	delta
net_vs_ctl_path	-	32	+32
dccp_path	-	32	+32
x25_path	-	24	+24
sctp_path	-	24	+24
rose_path	-	24	+24
nr_path	-	24	+24
net_ipv6_ctl_path	-	24	+24
net_ipv4_ctl_path	-	24	+24
llc_path	-	24	+24
irda_path	-	24	+24
ipx_path	-	24	+24
dn_path	-	24	+24
brnf_path	-	24	+24
ax25_path	-	24	+24
atalk_path	-	24	+24
nf_ct_path	-	16	+16
dn_dev_sysctl_register	164	173	+9
x25_register_sysctl	16	21	+5
sctp_sysctl_register	16	21	+5
rose_register_sysctl	16	21	+5
nr_register_sysctl	16	21	+5
nf_conntrack_standalone_init	166	171	+5
llc_sysctl_init	24	29	+5
irda_sysctl_register	24	29	+5
ipx_register_sysctl	16	21	+5
ip_vs_lblcr_init	66	71	+5
ip_vs_control_init	209	214	+5
ip_queue_init	288	293	+5
ip6_queue_init	288	293	+5

dn_register_sysctl	16	21	+5
dccp_sysctl_init	24	29	+5
br_netfilter_init	91	96	+5
atalk_register_sysctl	16	21	+5
ax25_register_sysctl	294	290	-4
ax25_unregister_sysctl	56	46	-10
nf_unregister_sysctl_table	19	-	-19
net_ipv4_path	48	24	-24
ipv6_ctl_path	24	-	-24
path_free	27	-	-27
nf_net_ipv4_netfilter_sysctl_path	88	32	-56
nf_net_netfilter_sysctl_path	88	24	-64
x25_root_table	88	-	-88
x25_dir_table	88	-	-88
vs_root_table	88	-	-88
sctp_root_table	88	-	-88
sctp_net_table	88	-	-88
rose_root_table	88	-	-88
rose_dir_table	88	-	-88
nr_root_table	88	-	-88
nr_dir_table	88	-	-88
nf_net_netfilter_table	88	-	-88
nf_net_ipv4_table	88	-	-88
nf_net_ipv4_netfilter_table	88	-	-88
nf_ct_net_table	88	-	-88
llc_root_table	88	-	-88
llc_dir_table	88	-	-88
lblcr_root_table	88	-	-88
lblc_root_table	88	-	-88
irda_root_table	88	-	-88
irda_net_table	88	-	-88
ipx_root_table	88	-	-88
ipx_dir_table	88	-	-88
dn_root_table	88	-	-88
dn_dir_table	88	-	-88
dccp_table	88	-	-88
dccp_root_table	88	-	-88
dccp_dir_table	88	-	-88
brnf_net_table	88	-	-88
brnf_bridge_table	88	-	-88
ax25_root_table	88	-	-88
ax25_dir_table	88	-	-88
atalk_root_table	88	-	-88
atalk_dir_table	88	-	-88
nf_register_sysctl_table	118	-	-118
ipq_root_table	176	-	-176
ipq_dir_table	176	-	-176
vs_table	264	-	-264

ipvs_ipv4_table	264	-	-264
dn_dev_sysctl	576	224	-352

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