Subject: [PATCH net-2.6.25 5/6][TR] Use ctl paths to register net/token-ring/ table
Posted by Pavel Emelianov on Sat, 01 Dec 2007 13:10:04 GMT
View Forum Message <> Reply to Message

The same thing for token-ring - use ctl paths and get
rid of external references on the tr_table.

Unfortunately, I couldn't split this patch into cleanup and
use-the-paths parts.

As a lame excuse I can say, that the cleanup is just moving
the tr_table from one file to another. Since the source
file is empty after the move, I remove it.

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

```
diff --git a/include/linux/if_tr.h b/include/linux/if_tr.h
index 046e9d9..5bcec8b 100644
--- a/include/linux/if_tr.h
+++ b/include/linux/if_tr.h
@@ -49,9 +49,6 @@ static inline struct trh_hdr *tr_hdr(const struct sk_buff *skb)
 {
  return (struct trh_hdr *)skb_mac_header(skb);
 }
-#ifdef CONFIG_SYSCTL
-extern struct ctl_table tr_table[];
-#endif
 #endif

 /* This is an Token-Ring LLC structure */
diff --git a/net/802/Makefile b/net/802/Makefile
index 977704a..68569ff 100644
--- a/net/802/Makefile
+++ b/net/802/Makefile
@@ -3,9 +3,8 @@
 #

 # Check the p8022 selections against net/core/Makefile.
-obj-$(CONFIG_SYSCTL) += sysctl_net_802.o
 obj-$(CONFIG_LLC) += p8022.o psnap.o
-obj-$(CONFIG_TR) += p8022.o psnap.o tr.o sysctl_net_802.o
+obj-$(CONFIG_TR) += p8022.o psnap.o tr.o
 obj-$(CONFIG_NET_FC) +=               fc.o
 obj-$(CONFIG_FDDI) +=               fddi.o
 obj-$(CONFIG_HIPPI) +=               hippi.o
diff --git a/net/802/sysctl_net_802.c b/net/802/sysctl_net_802.c
```

```
deleted file mode 100644
index ead5603..0000000
--- a/net/802/sysctl_net_802.c
+++ /dev/null
@@ -1,33 +0,0 @@
-/* -*- linux-c -*-
- *  sysctl_net_802.c: sysctl interface to net 802 subsystem.
- *
- *  Begun April 1, 1996, Mike Shaver.
- *  Added /proc/sys/net/802 directory entry (empty =) ). [MS]
- *
- *  This program is free software; you can redistribute it and/or
- *  modify it under the terms of the GNU General Public License
- *  as published by the Free Software Foundation; either version
- *  2 of the License, or (at your option) any later version.
- */
-
-#include <linux/mm.h>
-#include <linux/if_tr.h>
-#include <linux/sysctl.h>
-
-#ifdef CONFIG_TR
-extern int sysctl_tr_rif_timeout;
-#endif
-
-struct ctl_table tr_table[] = {
-#ifdef CONFIG_TR
- {
-  .ctl_name = NET_TR_RIF_TIMEOUT,
-  .procname = "rif_timeout",
-  .data  = &sysctl_tr_rif_timeout,
-  .maxlen  = sizeof(int),
-  .mode  = 0644,
-  .proc_handler = &proc_dointvec
- },
-#endif /* CONFIG_TR */
- { 0 },
-};
diff --git a/net/802/tr.c b/net/802/tr.c
index d8a5386..23fa151 100644
--- a/net/802/tr.c
+++ b/net/802/tr.c
@@ -35,6 +35,7 @@
 #include <linux/proc_fs.h>
 #include <linux/seq_file.h>
 #include <linux/init.h>
+#include <linux/sysctl.h>
 #include <net/arp.h>
```

```
 #include <net/net_namespace.h>

@@ -634,6 +635,26 @@ struct net_device *alloc_trdev(int sizeof_priv)
  return alloc_netdev(sizeof_priv, "tr%d", tr_setup);
 }

+#ifdef CONFIG_SYSCTL
+static struct ctl_table tr_table[] = {
+ {
+  .ctl_name = NET_TR_RIF_TIMEOUT,
+  .procname = "rif_timeout",
+  .data  = &sysctl_tr_rif_timeout,
+  .maxlen  = sizeof(int),
+  .mode  = 0644,
+  .proc_handler = &proc_dointvec
+ },
+ { 0 },
+};
+
+static __initdata struct ctl_path tr_path[] = {
+ { .procname = "net", .ctl_name = CTL_NET, },
+ { .procname = "token-ring", .ctl_name = NET_TR, },
+ { }
+};
+#endif
+
 /*
  * Called during bootup.  We don't actually have to initialise
  * too much for this.
@@ -644,7 +665,9 @@ static int __init rif_init(void)
  rif_timer.expires  = sysctl_tr_rif_timeout;
  setup_timer(&rif_timer, rif_check_expire, 0);
  add_timer(&rif_timer);
-
+#ifdef CONFIG_SYSCTL
+ register_sysctl_paths(tr_path, tr_table);
+#endif
  proc_net_fops_create(&init_net, "tr_rif", S_IRUGO, &rif_seq_fops);
  return 0;
 }
diff --git a/net/sysctl_net.c b/net/sysctl_net.c
index a4f0ed8..16ad14b 100644
--- a/net/sysctl_net.c
+++ b/net/sysctl_net.c
@@ -31,14 +31,6 @@
 #endif

 struct ctl_table net_table[] = {
```

```
-#ifdef CONFIG_TR
- {
-  .ctl_name = NET_TR,
-  .procname = "token-ring",
-  .mode  = 0555,
-  .child  = tr_table,
- },
-#endif
  { 0 },
 };

--
1.5.3.4
```