Subject: [PATCH 1/3] Don't declare extern variables in net/core/sysctl_net_core.c
Posted by Pavel Emelianov on Mon, 22 Oct 2007 15:22:32 GMT
View Forum Message <> Reply to Message

Some are already declared in include/linux/netdevice.h, while
some others (xfrm ones) need to be declared.

The driver/net/rrunner.c just uses same extern as well, so
cleanup it also.

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

```
diff --git a/drivers/net/rrunner.c b/drivers/net/rrunner.c
index 19152f5..b822859 100644
--- a/drivers/net/rrunner.c
+++ b/drivers/net/rrunner.c
@@ -79,12 +79,10 @@ static char version[] __devinitdata = "rrunner.c: v0.50 11/11/2002  Jes
Sorensen
  */

 /*
- * These are checked at init time to see if they are at least 256KB
- * and increased to 256KB if they are not. This is done to avoid ending
- * up with socket buffers smaller than the MTU size,
+ * sysctl_[wr]mem_max are checked at init time to see if they are at
+ * least 256KB and increased to 256KB if they are not. This is done to
+ * avoid ending up with socket buffers smaller than the MTU size,
  */
-extern __u32 sysctl_wmem_max;
-extern __u32 sysctl_rmem_max;

 static int __devinit rr_init_one(struct pci_dev *pdev,
  const struct pci_device_id *ent)
diff --git a/include/net/xfrm.h b/include/net/xfrm.h
index 688f6f5..58dfa82 100644
--- a/include/net/xfrm.h
+++ b/include/net/xfrm.h
@@ -37,6 +37,8 @@
 extern struct sock *xfrm_nl;
 extern u32 sysctl_xfrm_aevent_etime;
 extern u32 sysctl_xfrm_aevent_rseqth;
+extern int sysctl_xfrm_larval_drop;
+extern u32 sysctl_xfrm_acq_expires;

 extern struct mutex xfrm_cfg_mutex;
```

```
diff --git a/net/core/sysctl_net_core.c b/net/core/sysctl_net_core.c
index 6d5ea97..113cc72 100644
--- a/net/core/sysctl_net_core.c
+++ b/net/core/sysctl_net_core.c
@@ -9,25 +9,12 @@
 #include <linux/sysctl.h>
 #include <linux/module.h>
 #include <linux/socket.h>
+#include <linux/netdevice.h>
 #include <net/sock.h>
+#include <net/xfrm.h>

 #ifdef CONFIG_SYSCTL

-extern int netdev_max_backlog;
-extern int weight_p;
-
-extern __u32 sysctl_wmem_max;
-extern __u32 sysctl_rmem_max;
-
-extern int sysctl_core_destroy_delay;
-
-#ifdef CONFIG_XFRM
-extern u32 sysctl_xfrm_aevent_etime;
-extern u32 sysctl_xfrm_aevent_rseqth;
-extern int sysctl_xfrm_larval_drop;
-extern u32 sysctl_xfrm_acq_expires;
-#endif
-
 ctl_table core_table[] = {
 #ifdef CONFIG_NET
  {
--
1.5.3.4
```

Subject: Re: [PATCH 1/3] Don't declare extern variables in net/core/sysctl_net_core.c

Posted by davem on Wed, 24 Oct 2007 04:14:08 GMT

View Forum Message <> Reply to Message

From: Pavel Emelyanov <xemul@openvz.org>
Date: Mon, 22 Oct 2007 19:22:43 +0400

> Some are already declared in include/linux/netdevice.h, while
> some others (xfrm ones) need to be declared.
>
> The driver/net/rrunner.c just uses same extern as well, so

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

Applied, thanks!