Subject: Re: [PATCH] Virtual ethernet device (tunnel) Posted by Patrick McHardy on Wed, 02 May 2007 12:59:05 GMT

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## jamal wrote:

- > On Wed, 2007-02-05 at 14:34 +0200, Patrick McHardy wrote:
- > >
- >>Thats a lot better than using sysfs, but I think it would be
- >>preferrable to use rtnetlink instead of genetlink for network >>configuration.
- >>con
- >
- > or you can just hold rtnl while using genl.
- > I do agree it would be easier to just use rtnetlink ...

The rtnl needs to be held in either case, but using a different netlink family introduces races in message processing. For example a simple:

ip link add dev veth0 ip route add 10.0.0.0/8 dev veth0

might fail because we have two different input queues and the routing message might get processed before the link message.