

Help with /proc/net/tcp fields

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-02/5167.html>

From: DervishD (raul_at_pleyades.net)

Date: 02/20/04

Date: Fri, 20 Feb 2004 11:50:13 +0100
To: Linux-kernel <linux-kernel@vger.kernel.org>

Hi all :)

I'm trying to decode what the field in the output of /proc/net/tcp means, with little success. Apart from the fact that the four last fields have no description (and looking at undocumented sources is really a pain a very time-consuming), I have the following doubts:

- I assume that 'sl' is the socket number, but, what does 'sl' stand for?
- What represents the 'st' field?
- I suppose that 'tr:tm->when' represents if there is any timer on that socket (well, 'tr' is the number of timers), and when will expire the nearest one, but I'm not sure.
- I suppose that 'timeout' is the time to die when the socket is in FIN_WAIT state, but I'm afraid I'm wrong :(
- Does the 'retrnsmt' field show the retransmissions happened in this socket?

If anyone can explain me these fields (and the unnamed fields at the end) I will be very grateful, and if someone could direct me to a site with related information it will help, too.

Thanks a lot in advance :)

Raúl Núñez de Arenas Coronado

--
Linux Registered User 88736
<http://www.pleyades.net> & <http://raul.pleyades.net/>

-
To unsubscribe from this list: send the line "unsubscribe linux-kernel" in the body of a message to majordomo@vger.kernel.org
More majordomo info at <http://vger.kernel.org/majordomo-info.html>
Please read the FAQ at <http://www.tux.org/lkml/>