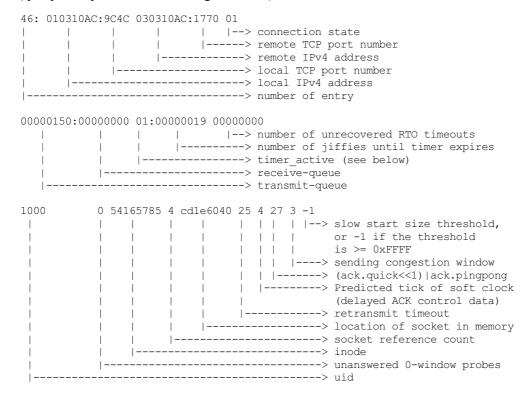
## The proc/net/tcp and proc/net/tcp6 variables

This document describes the interfaces /proc/net/tcp and /proc/net/tcp6. Note that these interfaces are deprecated in favor of tcp diag.

These /proc interfaces provide information about currently active TCP connections, and are implemented by  $tcp4\_seq\_show()$  in  $net/ipv4/tcp\_ipv4.c$  and  $tcp6\_seq\_show()$  in  $net/ipv6/tcp\_ipv6.c$ , respectively.

It will first list all listening TCP sockets, and next list all established TCP connections. A typical entry of/proc/net/tcp would look like this (split up into 3 parts because of the length of the line):



## timer active:

- 0 no timer is pending
- 1 retransmit-timer is pending
- 2 another timer (e.g. delayed ack or keepalive) is pending
- 3 this is a socket in TIME\_WAIT state. Not all fields will contain data (or even exist)
- 4 zero window probe timer is pending