

libosmo-abis - Bug #4464

"osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage

03/20/2020 09:11 PM - laforge

Status:	In Progress	Start date:	03/20/2020
Priority:	Normal	Due date:	
Assignee:	laforge	% Done:	80%
Category:			
Target version:			
Spec Reference:			
Description			
<p>When using osmo-bts-trx and establishing voice calls, I get lots of those osmo_rtp_socket_poll() ERROR messages when a TCH/F is established but voice is not yet connected (i.e. while dialing, until the call is fully established):</p>			
<pre>NOTICE <0000> rsl.c:813 (bts=0,trx=0,ts=1,pchan=TCH/F) (ss=0) TCH_F Tx CHAN ACT ACK INFO <000e> rsl.c:2122 (bts=0,trx=0,ts=1,ss=0) IPAC set RTP socket parameters: 1 INFO <0015> trau/osmo_orotp.c:0 RtpSession bound to [127.0.0.1] ports [16396] [16397] INFO <0015> trau/osmo_orotp.c:449 osmo_rtp_socket_connect() refused to set remote 127.0.0.1:0 INFO <0015> trau/osmo_orotp.c:0 RtpSession [0x5607c73cc9d0] sending to rtp 192.168.103.248:4116 rtp p 192.168.103.248:4117 INFO <0015> trau/osmo_orotp.c:0 First estimation INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(0): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(160): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(320): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(480): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(640): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(800): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(960): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(1120): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(1280): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(1440): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(1600): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(1760): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(1920): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(2080): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(2240): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(2400): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(2560): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(2720): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(2880): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(3040): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(3200): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(3360): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(3520): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(3680): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(3840): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(4000): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(4160): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(4320): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(4480): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(4640): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(4800): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(4960): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(5120): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(5280): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(5440): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(5600): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(5760): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(5920): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(6080): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(6240): ERROR! INFO <0015> trau/osmo_orotp.c:206 osmo_rtp_socket_poll(6400): ERROR!</pre>			

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INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(6560): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(6720): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(6880): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(7040): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(7200): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(7360): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(7520): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(7680): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(7840): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(8000): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(8160): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(8320): ERROR!
INFO <0015> trau/osmo_ortp.c:206 osmo_rtp_socket_poll(8480): ERROR!
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Looking at the code, this is actually not an error as such (it's also LOGL_INFO). It merely tells us that we tried to poll for an incoming RTP packet, and there was none received since our last call.

We should probably either remove it completely, or turn it to 'DEBUG' and remove the 'ERROR' from the message. Or we simply replace it with a counter?

Related issues:

Related to OsmoBTS - Bug #4467: bad voice quality in current osmo-bts-trx master

In Progress 03/20/2020

Associated revisions

Revision 8c724c05 - 02/06/2021 02:26 PM - laforge

osmo_ortp: Don't print ERROR message for every missing RTP frame

- it's inconsistent to print ERROR in a LOGL_INFO message
- losing RTP packets is not that unusual, especially when the channel is just starting up

Change-Id: Ide0017987b4cea7fd24795941494f1da913ea673

Closes: OS#4464

History

#1 - 03/20/2020 09:13 PM - laforge

#2 - 03/20/2020 09:43 PM - laforge

- Related to Bug #4467: bad voice quality in current osmo-bts-trx master added

#3 - 02/06/2021 02:27 PM - laforge

- Status changed from New to In Progress

- Assignee changed from pespun to laforge

- % Done changed from 0 to 80

Decided to take this issue back as no progress in 11 months. Patch in <https://gerrit.osmocom.org/c/libosmo-abis/+/22755>