

E1/T1 Hardware Interface - Feature #3242

develop software for E1 framing / deframing, CRC4, alignment FSM

05/06/2018 07:11 PM - laforge

Status: Resolved	Start date: 05/06/2018
Priority: Normal	Due date:
Assignee: laforge	% Done: 100%
Category:	
Target version:	
Spec Reference:	
Description	
I've been writing some code for the framing/deframing for basic frame and crc4-multiframe, as well as Rx + Tx side of CRC4 handling, alignment FSM, ...	
It can be found in the laforge/software branch of osmo-e1-xcvr. See http://git.osmocom.org/osmo-e1-xcvr/log/?h=laforge/software	
TODO is mainly: testing of various modes (crc4/non-crc4, ...) as well as any interop tests with real-world E1 out there. My reading of the spec may very well be wrong	
Related issues:	
Related to E1/T1 Hardware Interface - Feature #2484: Architecture of USB E1/T...	Resolved 09/02/2017

History

#1 - 05/06/2018 07:13 PM - laforge

- Status changed from New to Stalled

I'll put this task aside until we have some real-world samples of raw (but synchronized, HDB3-decoded) to validate against.

#2 - 05/06/2018 07:13 PM - laforge

- Related to Feature #2484: Architecture of USB E1/T1/J1 adapter added

#3 - 05/14/2018 09:28 AM - laforge

- Status changed from Stalled to Resolved

- % Done changed from 60 to 100

The software works against the traces Dieter has provided, so marking this as resolved for now. If we find bugs, we can file separate bug issues.