

libosmcore - Bug #4842

gsm0408 test fails on several architectures

11/03/2020 01:06 PM - bunk

Status:	New	Start date:	11/03/2020
Priority:	Normal	Due date:	
Assignee:	neels	% Done:	0%
Category:	libosmogb		
Target version:			
Spec Reference:			
Description			
https://buildd.debian.org/status/logs.php?pkg=libosmcore&ver=1.4.0-1			
25: gsm0408 FAILED (testsuite.at:156)			
The pattern of the failures is			
-LU with truncated IMSI MI: rc = -74 ok			
-LU with too short IMSI MI (12345): rc = -74 ok			
+LU with truncated IMSI MI: rc = -77 ok			
+LU with too short IMSI MI (12345): rc = -77 ok			
The root cause is likely related to			
/usr/include/asm-generic/errno.h:#define EBADMSG 74 /* Not a data message /			
/usr/include/mips64el-linux-gnuabi64/asm/errno.h:#define EBADMSG 77 / Not a data message */			

History

#1 - 11/03/2020 03:34 PM - laforge

- Assignee set to pespin

thanks, we will try to fix this in the next version, which is due to be released still in Q4/2020.

#2 - 11/03/2020 03:37 PM - laforge

- Assignee changed from pespin to neels

assigning to neels, who (AFAIR) created the osmo_mobile_identity API.

I agree that the fundamental problem is the assumption that the numeric value of EBADMSG is identical across architectures. That's wrong s errno values are highly architecture dependent.

#3 - 11/03/2020 03:39 PM - pespin

We already run into this kind of problems in some unit tests before, so worth looking at how we fixed it in other places. Probably simply print strerror() instead of errno.

#4 - 11/05/2020 10:23 PM - neels

[pespin](#) feel free to take this issue back if you like

#5 - 11/14/2020 08:42 AM - laforge

- Category changed from libosmcore to libosmogb