# Enduro/X Core - Bug #128

## Solaris 11 test cases 21 and 28 fails

04/21/2017 12:26 PM - Madars

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|---|---|---|---|
| **Status:** | Closed | **Start date:** | 04/21/2017 |
| **Priority:** | Low (Code 5) | **Due date:** | |
| **Assignee:** | | **% Done:** | 0% |
| **Category:** | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | |

**Description**

The errors seen in logs are:

```
user1@solaris11:~/endurox/atmitest/test021_xafull$
(reverse-i-search)`gre': ps -ef | ^Cep ndrx
user1@solaris11:~/endurox/atmitest/test021_xafull$ grep busy *
TM1.log:N:NDRX:3:24916:0000000a:007:20170421:140707985:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:2:24916:0000000a:007:20170421:140707985:autils.c:0968:@TM-2 failed: 7:TPEOS (last error 7: ndrx_mq_receive
 failed: Device busy)
TM1.log:N:NDRX:2:24916:0000000a:007:20170421:140707985:autils.c:0986:Failed to call RM: 7:[7:TPEOS (last error 7:
 ndrx_mq_receive failed: Device busy)]
TM1.log:N:NDRX:2:24916:0000000a:007:20170421:140707985:iutils.c:0310:Failed to open queue
 [/dom1,clt,reply,atmiclt21,24925,0] with error: Device busy
TM1.log:N:NDRX:3:24916:0000000a:007:20170421:140718099:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:2:24916:0000000a:007:20170421:140718099:autils.c:0968:@TM-2 failed: 7:TPEOS (last error 7: ndrx_mq_receive
 failed: Device busy)
TM1.log:N:NDRX:2:24916:0000000a:007:20170421:140718099:autils.c:0986:Failed to call RM: 7:[7:TPEOS (last error 7:
 ndrx_mq_receive failed: Device busy)]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721840:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721841:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721841:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721841:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721841:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721842:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721842:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721842:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721842:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721843:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721843:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721843:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721844:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721844:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721844:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721844:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
```

```
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721845:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
TM1.log:N:NDRX:3:24916:00000007:008:20170421:140721845:perror.c:0278:_TPset_error_fmt: 7 (TPEOS) [ndrx_mq_receive
 failed: Device busy]
```

## History

**#1 - 04/22/2017 09:47 AM - Madars**

Reported to Oracle Comunity. Seems that Solaris 11 have undocumented non standard logic or bug with mq_receive() as EBUSY is not according to standard and not documented by Oracle for particular system call.

The community question is raised here: https://community.oracle.com/thread/4038962

**#2 - 06/30/2017 03:01 PM - Madars**

Seems like we get same error on Solaris 10 too.
So one option would be just retry the system call in case if we get EBUSY...

**#3 - 07/21/2017 12:43 PM - Madars**

*- Priority changed from Normal (Code 4) to Low (Code 5)*

**#4 - 09/27/2017 06:33 AM - Madars**

*- Status changed from New to Resolved*

errno.h is not thread safe by default on solaris.

**#5 - 09/27/2017 06:33 AM - Madars**

*- Status changed from Resolved to Closed*