

## Enduro/X Core - Bug #123

### Transaction Manager counts re-tries incorrectly.

04/11/2017 01:52 PM - Pablo

<b>Status:</b>	Closed	<b>Start date:</b>	04/11/2017
<b>Priority:</b>	High (Code 3)	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			

#### Description

Transaction has failed (due to some unknown reason - maybe DB):

```
N:NDRX:5:10465:001:20170328:161119000:autils.c:0401:Serialized xid: [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A]
```

```
N:NDRX:5:10465:001:20170328:161119000:autils.c:0405:xid deserialization total len: 27
```

```
U:UBF :5:10465:001:20170328:161119000:autils.c:0406:XID data for deserialization
```

```
0000 61 94 f7 a1 10 05 0d 79 7a f4 89 77 42 39 9d b4 a.....yz..wB9..
```

```
0010 44 50 b8 41 1e b8 01 01 00 0e 00 DP.A.....
```

```
U:UBF :5:10465:001:20170328:161119000:autils.c:0435:Original XID restored
```

```
0000 a1 f7 94 61 00 00 00 10 00 00 00 00 00 00 00 ...a.....
```

```
0010 05 00 00 00 00 00 00 0d 79 7a f4 89 77 42 39 .....yz..wB9
```

```
0020 9d b4 44 50 b8 41 1e b8 01 01 00 0e 00 00 00 ..DP.A.....
```

```
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

```
0040 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

```
0050 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

```
0060 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

```
0070 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

```
0080 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

```
0090 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

```
N:NDRX:5:10465:001:20170328:161119000:tmi/xa.c:0379:atmi_xa_prepare_entry
```

```
N:NDRX:2:10465:001:20170328:161119001:tmi/xa.c:0385:xa_prepare_entry - fail: -6 [routine invoked in an improper context]
```

```
N:NDRX:3:10465:001:20170328:161119001:perror.c:0309:_TPset_error_fmt_rsn: 16 (TPERMERR) reason: -6 [xa_prepare_entry - fail: -6 [routine invoked in an improper context]]
```

then sort of fixed:

```
N:NDRX:5:10465:000:20170328:161111011:ed_buf.c:0377:Free-up auto buffer : 0xb9f520 typeid: 0
```

```
TMNODEID 1
```

```
TMRMID 1
```

```
TMSRVID 14
```

```
TMCALLERRM 1
```

```
TMCMD c
```

```
TMXID YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A
```

```
TMKNOWNRMS \01
```

```
TMPROCESSID srv,crdstatsv,8141,10555,1
```

```
N:NDRX:4:10453:007:20170328:161111011:atedrv.c:0148:Operation tperno: 0, xa return code: 0
```

```
N:NDRX:4:10465:005:20170328:161111011:/tmsrv.c:0151:Got command code: [c]
```

```
N:NDRX:5:10465:005:20170328:161111011:/tmap.c:0151:tm_tpcommit() called
```

```
N:NDRX:4:10453:007:20170328:161111011:atedrv.c:0211:RM 1 votes for stage: 70
```

```
N:NDRX:5:10453:007:20170328:161111011:rv/log.c:0637:tms_log_stage: new stage - 70
```

```
N:NDRX:4:10465:005:20170328:161111011:rv/log.c:0138:Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] locked for thread_id: 140048651441920
```

```
N:NDRX:4:10453:007:20170328:161111011:atedrv.c:0097:Entered in stage: COMMITTED
```

But then I get information that transaction is locked:

```
N:NDRX:4:10465:001:20170329:083859000:ground.c:0228:XID: [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] stage: [40]. Try: 1, max: 100
```

N:NDRX:2:10465:001:20170329:083859000:rv/log.c:0126:Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
N:NDRX:5:10465:001:20170329:083859000:ground.c:0253:Transaction locked or already processed by foreground...  
N:NDRX:5:10465:001:20170329:083859000:ground.c:0262:background - sleep 10

this also could be OK if counter would be counted properly. But it's not. I'm getting same counter (try 1, max 100) all the time:

N:NDRX:5:10429:001:20170329:083728000:ground.c:0262:background - sleep 10  
N:NDRX:4:10465:001:20170329:083729000:ground.c:0228:XID: [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] stage: [40]. Try: 1, max: 100  
N:NDRX:2:10465:001:20170329:083729000:rv/log.c:0126:Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
N:NDRX:5:10465:001:20170329:083729000:ground.c:0253:Transaction locked or already processed by foreground...  
N:NDRX:5:10465:001:20170329:083729000:ground.c:0262:background - sleep 10  
...  
N:NDRX:4:10465:001:20170329:083859000:ground.c:0228:XID: [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] stage: [40]. Try: 1, max: 100  
N:NDRX:2:10465:001:20170329:083859000:rv/log.c:0126:Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
N:NDRX:5:10465:001:20170329:083859000:ground.c:0253:Transaction locked or already processed by foreground...  
N:NDRX:5:10465:001:20170329:083859000:ground.c:0262:background - sleep 10  
...  
etc.

and I see following in user log:

...  
0:20170328:17521900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17522900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17523900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17524900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17525900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17530900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17531900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17532900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17533900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17534900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17535900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17540900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17541900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17542900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17543900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17544900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17545900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216  
0:20170328:17550900:tmsrv :tmsrv: Transaction [YZT3oRAFDXI69II3QjmdtERQuEEeuAEBAA4A] already locked for thread\_id: 140048643049216



**#2 - 05/03/2017 11:12 AM - Madars**

- *Priority changed from Normal (Code 4) to High (Code 3)*

**#3 - 05/23/2017 06:06 AM - Madars**

But it looks like the actual transaction was in progress for some long time. We might want to reset tries counter back to 0 when actual action (prepare for example) on DB is finished.

**#4 - 05/23/2017 09:30 AM - Madars**

Also I guess we need to perform county only when we got the lock, not counting all locked attempts. Thus we could better state what does the retry attempt setting does.

**#5 - 05/25/2017 07:40 PM - Madars**

- *Status changed from New to Resolved*

- *% Done changed from 0 to 100*

Fixed.

**#6 - 05/25/2017 07:42 PM - Madars**

- *Status changed from Resolved to Closed*