



Server crashed at function fetch_step(que_thr_t*)

▼ Details

Type:	Bug	Status:	OPEN
Priority:	Medium	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	None
Component/s:	None		
Labels:	None		
Environment:	OS: ubuntu 20.04 with docker 20.10.14 Percona Server version: official docker image 8.0.28-19 (percona:8.0.28-19)		
Upstream Bug URL:	https://bugs.mysql.com/bug.php?id=107641		
Needs Deploy:	Yes		

▼ Description

PoC:

```
CREATE TABLE t1 (a SERIAL, t TEXT, FULLTEXT f1(t), FULLTEXT f2(t)) ENGINE=InnoDB;
INSERT INTO t1 (a,t) VALUES (1,'1'), (2,'1');
ALTER TABLE t1 ADD COLUMN g TEXT GENERATED ALWAYS AS (t) VIRTUAL;
DELETE FROM t1 WHERE a = 1;
ALTER TABLE t1 DROP INDEX f1;
INSERT INTO t1 (a,t) VALUES (1,'1');
```

Server report:

```
Build ID: 18aaa142649c55cdd3da3a4b5bea39fe4cc9a679
Server Version: 8.0.28-19 Percona Server (GPL), Release 19, Revision 31e88966cd3Thread pointer: 0x7f919c000fc0
Attempting backtrace. You can use the following information to find out
where mysqld died. If you see no messages after this, something went
terribly wrong...
stack_bottom = 7f920c6f6d50 thread_stack 0x100000
/usr/sbin/mysqld(my_print_stacktrace(unsigned char const*, unsigned long)+0x41) [0x20cbe11]
/usr/sbin/mysqld(print_fatal_signal(int)+0x323) [0x11506e3]
/usr/sbin/mysqld(handle_fatal_signal+0xbd) [0x11507ad]
/lib64/libpthread.so.0(+0x12cf0) [0x7f9226022cf0]
/usr/sbin/mysqld() [0x256590c]
/usr/sbin/mysqld() [0x2568c31]
/usr/sbin/mysqld(fetch_step(que_thr_t*)+0xde) [0x233020e]
/usr/sbin/mysqld(que_run_threads(que_thr_t*)+0x498) [0x22dc888]
/usr/sbin/mysqld(fts_eval_sql(trx_t*, que_fork_t*)+0x31) [0x2586e71]
/usr/sbin/mysqld(fts_doc_fetch_by_doc_id(fts_get_doc_t*, unsigned long, dict_index_t*, unsigned long, unsigned long (*)(void*, void*), void*)+0xec) [0x2564d4c]
/usr/sbin/mysqld(fts_init_index(dict_table_t*, unsigned long)+0x1b1) [0x256eac1]
/usr/sbin/mysqld(fts_init_doc_id(dict_table_t const*)+0xed) [0x256ee3d]
/usr/sbin/mysqld(fts_get_next_doc_id(dict_table_t const*, unsigned long*)+0xe5) [0x25709f5]
/usr/sbin/mysqld(fts_create_doc_id(dict_table_t*, dtuple_t*, mem_block_info_t*)+0x8f) [0x2570a9f]
/usr/sbin/mysqld() [0x2302e84]
/usr/sbin/mysqld(ha_innobase::write_row(unsigned char*)+0x339) [0x21da479]
```

▼ Activity

▼ Aaditya Dubey added a comment - 23/Jun/22 1:45 PM

Hi fuboot,

Thank you for the report.

I have tried reproducing the issue and it is repeating, please find my test case below:



Server version: 8.0.28-19 Percona Server (GPL), Release 19, Revision 31e88966cd3

```
mysql [localhost:3370] {msandbox} (test) > CREATE TABLE t1 (a SERIAL, t TEXT, FULLTEXT f1(t), FULLTEXT f2(t))
ENGINE=InnoDB;
Query OK, 0 rows affected, 1 warning (0.09 sec)
```

```
mysql [localhost:3370] {msandbox} (test) > INSERT INTO t1 (a,t) VALUES (1,'1'),(2,'1');
Query OK, 2 rows affected (0.02 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

```
mysql [localhost:3370] {msandbox} (test) > ALTER TABLE t1 ADD COLUMN g TEXT GENERATED ALWAYS AS (t) VIRTUAL;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```


```
mysql [localhost:3370] {msandbox} (test) > DELETE FROM t1 WHERE a = 1;
Query OK, 1 row affected (0.00 sec)
```

```
mysql [localhost:3370] {msandbox} (test) > ALTER TABLE t1 DROP INDEX f1;
Query OK, 0 rows affected (0.03 sec)
```

Please note it is crashing in 8.0.29(Upstream) as well.

As a workaround please remove duplicate FULLTEXT index from table Definition to avoid the crash.

sending the concern to engineering for further review and updates.

▼  Aaditya Dubey added a comment - 24/Jun/22 8:58 AM

Hi [marcelo.altmann](#),

As we discussed,

Please note that same crash is happening in 8.0.28(Upstream) as well.

```
08:53:50 UTC - mysqld got signal 11 ;
Most likely, you have hit a bug, but this error can also be caused by malfunctioning hardware.
Thread pointer: 0x7f5680010990
Attempting backtrace. You can use the following information to find out
where mysqld died. If you see no messages after this, something went
terribly wrong...
stack_bottom = 7f56d43f1d80 thread_stack 0x100000
/home/user/ora8.0.28/bin/mysqld(my_print_stacktrace(unsigned char const*, unsigned long)+0x2e) [0x1f9ffde]
/home/user/ora8.0.28/bin/mysqld(print_fatal_signal(int)+0x2eb) [0x103628b]
/home/user/ora8.0.28/bin/mysqld(handle_fatal_signal+0x65) [0x10362f5]
/lib64/libpthread.so.0(+0xf630) [0x7f56e915a630]
/home/user/ora8.0.28/bin/mysqld() [0x23dccd5]
/home/user/ora8.0.28/bin/mysqld() [0x23debf6]
/home/user/ora8.0.28/bin/mysqld(fetch_step(que_thr_t*)+0xce) [0x21cad0e]
/home/user/ora8.0.28/bin/mysqld(que_run_threads(que_thr_t*)+0x560) [0x217b070]
/home/user/ora8.0.28/bin/mysqld(fts_eval_sql(trx_t*, que_fork_t*)+0x2d) [0x23fc86d]
/home/user/ora8.0.28/bin/mysqld(fts_doc_fetch_by_doc_id(fts_get_doc_t*, unsigned long, dict_index_t*, unsigned
long, unsigned long (*)(void*, void*), void*)+0xd7) [0x23dc2b7]
/home/user/ora8.0.28/bin/mysqld(fts_init_index(dict_table_t*, unsigned long)+0x1cd) [0x23e49ed]
/home/user/ora8.0.28/bin/mysqld(fts_init_doc_id(dict_table_t const*)+0x8d) [0x23e4b8d]
/home/user/ora8.0.28/bin/mysqld(fts_get_next_doc_id(dict_table_t const*, unsigned long*)+0xb5) [0x23e6465]
/home/user/ora8.0.28/bin/mysqld(fts_create_doc_id(dict_table_t*, dtuple_t*, mem_block_info_t*)+0x67) [0x23e64d7]
/home/user/ora8.0.28/bin/mysqld() [0x21a03a81]
```

▼ People

Assignee:



Unassigned

Reporter:



Jingzhou Fu

Votes:

0 Vote for this issue

Watchers:

2 Start watching this issue

▼ **Dates**

Created:

19/Jun/22 5:07 PM

Updated:

24/Jun/22 8:58 AM

▼ **Smart Checklist**

s checklist is empty