

作業報告2024-06-10

§ 作業項目 §

- 社内作業
 - 社内打ち合わせ
 - メールサーバの確認
- 日進ゴム
 - ユニットテストツール
 - NG項目修正
 - ユニットテストで出た修正の対応

§ 個別詳細 §

¶ 詳細->社内作業 ¶

+ 打ち合わせ+

+ メールサーバの確認+

- メールサーバが溢れた
 - 継続的な確認
 - 増

16858MB / 20480MB (82%)

+ UTMのレポート取得+

- 金曜日がリモートだったのでここだけ取得

¶ 詳細->日進ゴム ¶

+ 監視ツールの確認+

- 過去分がどの程度残っているか重要？

+ ユニットテスト+

- ユニットテストの環境はできた
- ユニットテスト
 - PGが落ちるところがある
 - confread
 - Mockファイルがどう処理されるかわからない
 - 直接ファイルを置いてとりあえず前へ
 - ファイルがなくても落ちないように修正
 - DB_initialize

¶ コンパイルコマンド() ¶

```
g++ -g -std=c++11 -o ctrl_semaphore ./list_semaphore.cpp
g++ -g -std=c++11 -o ctrl_semaphore ./list_memcached.cpp -lmemcached
```

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<http://192.168.192.99:9182/metrics>

§ 今後 §

- 詳細->日進ゴム
 - エラー対応
 - ユニットテスト
 - システムテスト

§ 作業ログ §

📁 社内作業 📁

📁 日進ゴム 📁

+ ソースの反映 +

```
[yama][17:12:40] rentmap% git checkout .
10[yama05]
Updated 4 paths from the index
[yama][17:25:08] rentmap% git pull
10[yama05]
Already up to date.
[yama][17:25:15] rentmap%
10[yama05]
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[yama][17:57:08] rentmap% git pull
10[yama05]
remote: Enumerating objects: 26, done.
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (17/17), done.
remote: Total 17 (delta 12), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (17/17), 3.22 KiB | 50.00 KiB/s, done.
From bitbucket.org:NoboruKoyama/rentmap
 36b86263..6abeefb master -> origin/master
Updating 36b86263..6abeefb
error: Your local changes to the following files would be overwritten by merge:
  source/test/testCobMysql.cpp
Please commit your changes or stash them before you merge.
Aborting
[yama][17:57:43] rentmap% git checkout .
10[yama05]
Updated 1 path from the index
[yama][17:57:51] rentmap% git pull
10[yama05]
Updating 36b86263..6abeefb
Fast-forward
 gtest/Dockerfile | 12 ++++++-----
source/lib/MultiThread.c | 11 ++++++-----
source/lib/cob-mysql.c | 24 ++++++-----
source/test/testCobMysql.cpp | 72 ++++++-----
4 files changed, 91 insertions(+), 28 deletions(-)
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24-06-
```

+ conf_readを前提としてOpenは動いている? +

```
[nkoyama][15:03:54] exec% gdb ./HKG250
06-10[thor]
GNU gdb (GDB) Red Hat Enterprise Linux 7.6.1-120.el7
Copyright (C) 2013 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law. Type "show copying"
and "show warranty" for details.
This GDB was configured as "x86_64-redhat-linux-gnu".
For bug reporting instructions, please see:
<http://www.gnu.org/software/gdb/bugs/>...
Reading symbols from /home/nkoyama/public_html/source/exec/HKG250...done.
(gdb) r STN072 000
Starting program: /home/nkoyama/public_html/source/exec/./HKG250 STN072 000
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib64/libthread_db.so.1".
./HKG250.cob:600: libcob: Error C [1021]:conf read Error 2024/06/10 15:04:01.790450

[Detaching after fork from child process 24084]
./HKG250.cob:601: libcob: Error C [1021]:conf read Error 2024/06/10 15:04:02.038569

./HKG250.cob:601: libcob: Error [01]:db_connect server : user: pass: database: ,PR_setProperty :format 999-
HKG250
[New Thread 0x7ffffc727700 (LWP 24085)]
./HKG250.cob:602: libcob: Error C [1021]:conf read Error 2024/06/10 15:04:02.070844

Program received signal SIGSEGV, Segmentation fault.
0x000000000045cd84 in DB_Open () at ../lib/cob-mysql.c:7293
7293      mainDBInfo->mysqlConn = mysql_init(NULL);
Missing separate debuginfos, use: debuginfo-install cyrus-sasl-lib-2.1.26-24.el7_9.x86_64 glibc-2.17-
326.el7_9.3.x86_64 gmp-6.0.0-15.el7.x86_64 keyutils-libs-1.5.8-3.el7.x86_64 krb5-libs-1.15.1-55.el7_9.x86_64
libcom_err-1.42.9-19.el7.x86_64 libdb-5.3.21-25.el7.x86_64 libgcc-4.8.5-44.el7.x86_64 libmemcached-1.0.16-
5.el7.x86_64 libpng-1.5.13-8.el7.x86_64 libselinux-2.5-15.el7.x86_64 libstdc++-4.8.5-44.el7.x86_64 libxml2-
2.9.1-6.el7_9.6.x86_64 ncurses-libs-5.9-14.20130511.el7_4.x86_64 nss-softokn-freebl-3.90.0-6.el7_9.x86_64
openssl-libs-1.0.2k-26.el7_9.x86_64 pcre-8.32-17.el7.x86_64 xz-libs-5.2.2-2.el7_9.x86_64 zlib-1.2.7-
21.el7_9.x86_64
(gdb) bt
#0  0x000000000045cd84 in DB_Open () at ../lib/cob-mysql.c:7293
#1  0x000000000040b92d in HKG250_ (entry=0) at HKG250.c:756
#2  0x00000000004088cd in HKG250 () at HKG250.c:47
#3  0x00000000004088b8 in main (argc=3, argv=0x7ffffc727700) at HKG250.c:39
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```

+ confが読めないとき +

```
[nkoyama][14:57:44] exec% gdb ./HKG250
06-10[thor]
GNU gdb (GDB) Red Hat Enterprise Linux 7.6.1-120.el7
Copyright (C) 2013 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law. Type "show copying"
and "show warranty" for details.
This GDB was configured as "x86_64-redhat-linux-gnu".
For bug reporting instructions, please see:
<http://www.gnu.org/software/gdb/bugs/>...
Reading symbols from /home/nkoyama/public_html/source/exec/HKG250...done.
(gdb) r STN072 000
Starting program: /home/nkoyama/public_html/source/exec/./HKG250 STN072 000
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib64/libthread_db.so.1".
./HKG250.cob:600: libcob: Error C [1021]:conf read Error 2024/06/10 14:58:42.897102
```

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```
Program received signal SIGSEGV, Segmentation fault.
0x00007ffff56a30d4 in fclose@@GLIBC_2.2.5 () from /lib64/libc.so.6
Missing separate debuginfos, use: debuginfo-install cyrus-sasl-lib-2.1.26-24.el7_9.x86_64 glibc-2.17-
326.el7_9.3.x86_64 gmp-6.0.0-15.el7.x86_64 keyutils-libs-1.5.8-3.el7.x86_64 krb5-libs-1.15.1-55.el7_9.x86_64
libcom_err-1.42.9-19.el7.x86_64 libdb-5.3.21-25.el7.x86_64 libgcc-4.8.5-44.el7.x86_64 libmemcached-1.0.16-
5.el7.x86_64 libpng-1.5.13-8.el7.x86_64 libselinux-2.5-15.el7.x86_64 libstdc++-4.8.5-44.el7.x86_64 libxml2-
2.9.1-6.el7_9.6.x86_64 ncurses-libs-5.9-14.20130511.el7_4.x86_64 nss-softoken-freebl-3.90.0-6.el7_9.x86_64
openssl-libs-1.0.2k-26.el7_9.x86_64 pcre-8.32-17.el7.x86_64 xz-libs-5.2.2-2.el7_9.x86_64 zlib-1.2.7-
21.el7_9.x86_64
```

```
[nkoyama][14:56:27] exec% mv ./conf.xml ./conf.xml1
```

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```
06-10[thor]
[nkoyama][14:56:40] exec% mv /usr/local/share/map/conf.xml /usr/local/share/map/conf.xml1
```

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```
mv: cannot move '/usr/local/share/map/conf.xml' to '/usr/local/share/map/conf.xml1': Permission denied
```

```
[nkoyama][14:57:35] exec% sudo mv /usr/local/share/map/conf.xml /usr/local/share/map/conf.xml1
```

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```
06-10[thor]
```

```
[sudo] password for nkoyama:
```

+ テストに前提処理を書いてもエラーにはならない+

```
root@0d0759500272:/var/source/test# g++ ../lib/cob-mysql.c ../lib/MultiThread.c testCobMySQL.cpp `xml2-config
--cflags --libs` `mariadb_config --libs --include` `cob-config --libs` -lpthread -lmemcached -lgtest -
lgtest_main -lgmock
root@0d0759500272:/var/source/test# ./a.out
Running main() from /gtest/googletest/src/gtest_main.cc
[=====] Running 4 tests from 2 test suites.
[-----] Global test environment set-up.
[-----] 2 tests from setLogicalAndPhysicalTableName
[ RUN      ] setLogicalAndPhysicalTableName.Positive
[ OK      ] setLogicalAndPhysicalTableName.Positive (0 ms)
[ RUN      ] setLogicalAndPhysicalTableName.Negative
[ OK      ] setLogicalAndPhysicalTableName.Negative (0 ms)
[-----] 2 tests from setLogicalAndPhysicalTableName (0 ms total)

[-----] 2 tests from DB_InitializeTest
[ RUN      ] DB_InitializeTest.Positive
[ OK      ] DB_InitializeTest.Positive (5 ms)
[ RUN      ] DB_InitializeTest.Negative
[ OK      ] DB_InitializeTest.Negative (0 ms)
[-----] 2 tests from DB_InitializeTest (5 ms total)

[-----] Global test environment tear-down
[=====] 4 tests from 2 test suites ran. (6 ms total)
[ PASSED ] 4 tests.
```

+ テストのエラーがかなり発生する+

```
root@0d0759500272:/var/source/test# g++ ../lib/cob-mysql.c ../lib/MultiThread.c testCobMySQL.cpp `xml2-config
--cflags --libs` `mariadb_config --libs --include` `cob-config --libs` -lpthread -lmemcached -lgtest -
lgtest_main -lgmock
root@0d0759500272:/var/source/test# ./a.out
Running main() from /gtest/googletest/src/gtest_main.cc
[=====] Running 4 tests from 2 test suites.
[-----] Global test environment set-up.
[-----] 2 tests from setLogicalAndPhysicalTableName
[ RUN      ] setLogicalAndPhysicalTableName.Positive
[ OK      ] setLogicalAndPhysicalTableName.Positive (0 ms)
[ RUN      ] setLogicalAndPhysicalTableName.Negative
[ OK      ] setLogicalAndPhysicalTableName.Negative (0 ms)
[-----] 2 tests from setLogicalAndPhysicalTableName (0 ms total)

[-----] 2 tests from DB_InitializeTest
[ RUN      ] DB_InitializeTest.Positive
[ OK      ] DB_InitializeTest.Positive (4 ms)
[ RUN      ] DB_InitializeTest.Negative
testCobMySQL.cpp:93: Failure
Expected equality of these values:
  getConfFilename(strConfPath)
    which is: "./conf.xml"
  (char *)"/usr/local/share/map/conf.xml"
```

```
Which is: "/usr/local/share/map/conf.xml"  
Terminated
```

+ テストでモックファイルがどうなるのかよくわからない+

```
[yama][11:44:39] ~% cp ./Documents/rentmap/source/webCC/conf.xml ./Documents/rentmap/source/test/ 24-06-  
10[yama05]  
[yama][14:30:55] ~% 24-06-  
10[yama05]
```

```
[yama][09:55:33] Documents% cd rentmap 24-06-  
10[yama05]  
[yama][09:55:38] rentmap% ls 24-06-  
10[yama05]  
doc docker-compose.yml gtest parse README.md server_conf source source.bak surce temp work  
[yama][09:55:39] rentmap% sudo docker-compose up 24-06-  
10[yama05]  
[sudo] yama のパスワード:  
Starting rentmap_gtest_1 ... done  
Attaching to rentmap_gtest_1
```

+ SQLいろいろ+

```
show databases;  
use mapinfo;  
  
show tables;  
  
SELECT * FROM mapinfo.M_itemelement  
WHERE TableName LIKE "%HMG385%"  
;  
  
SELECT * FROM mapinfo_cp.M_itemelement  
WHERE TableName LIKE "%HMG385%"  
;
```

END
