

Database

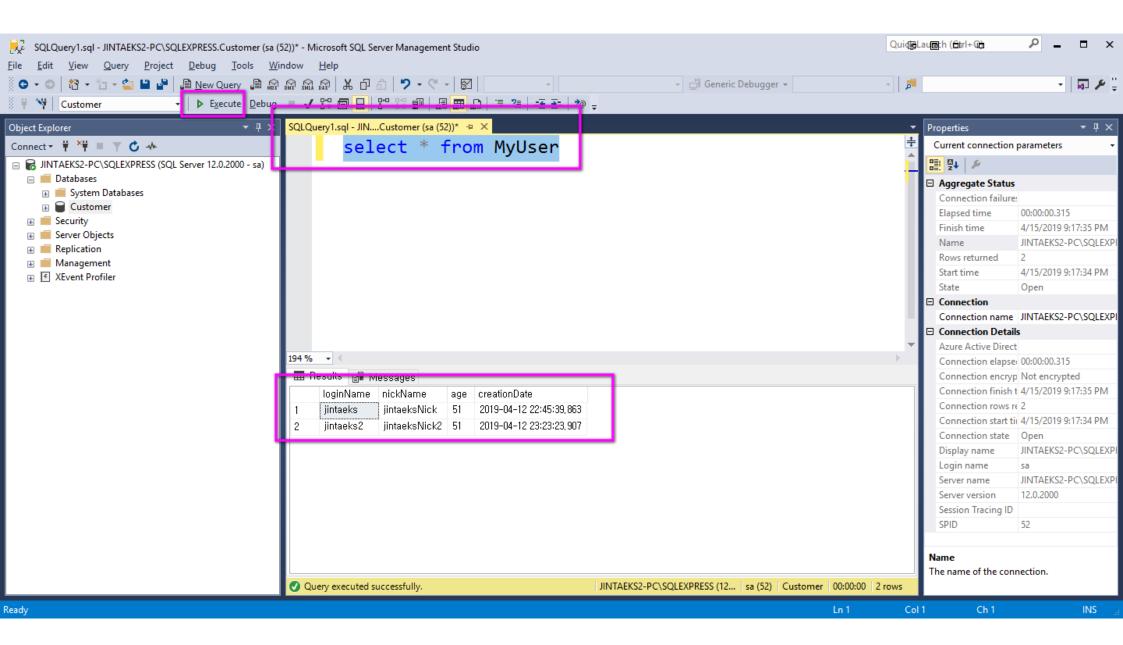
OTL v4 Database Test

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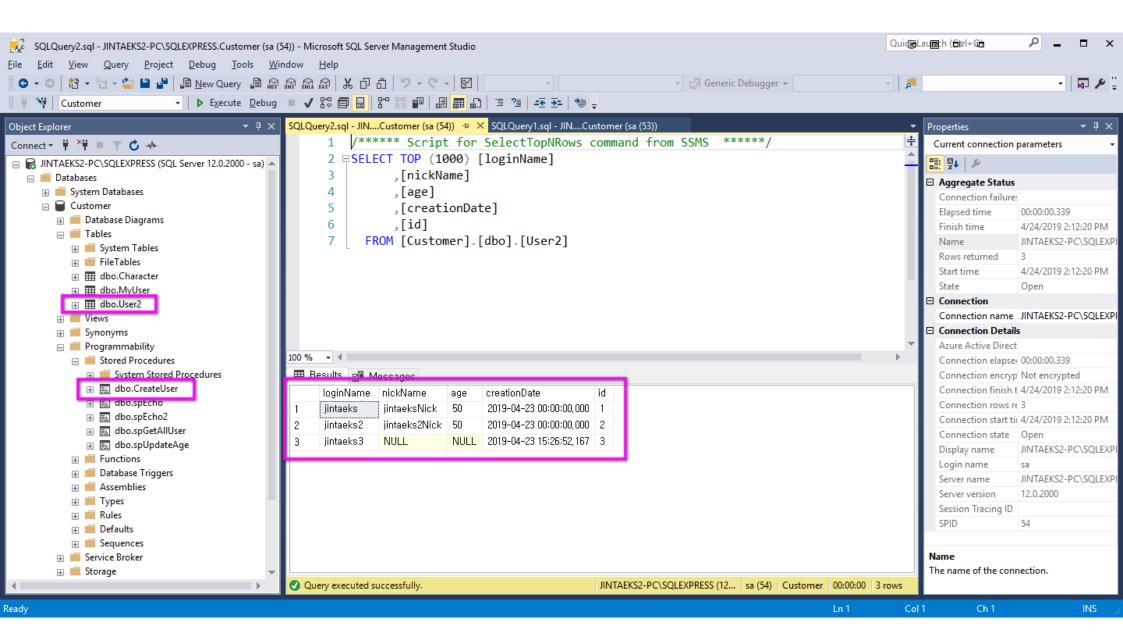
SELECT

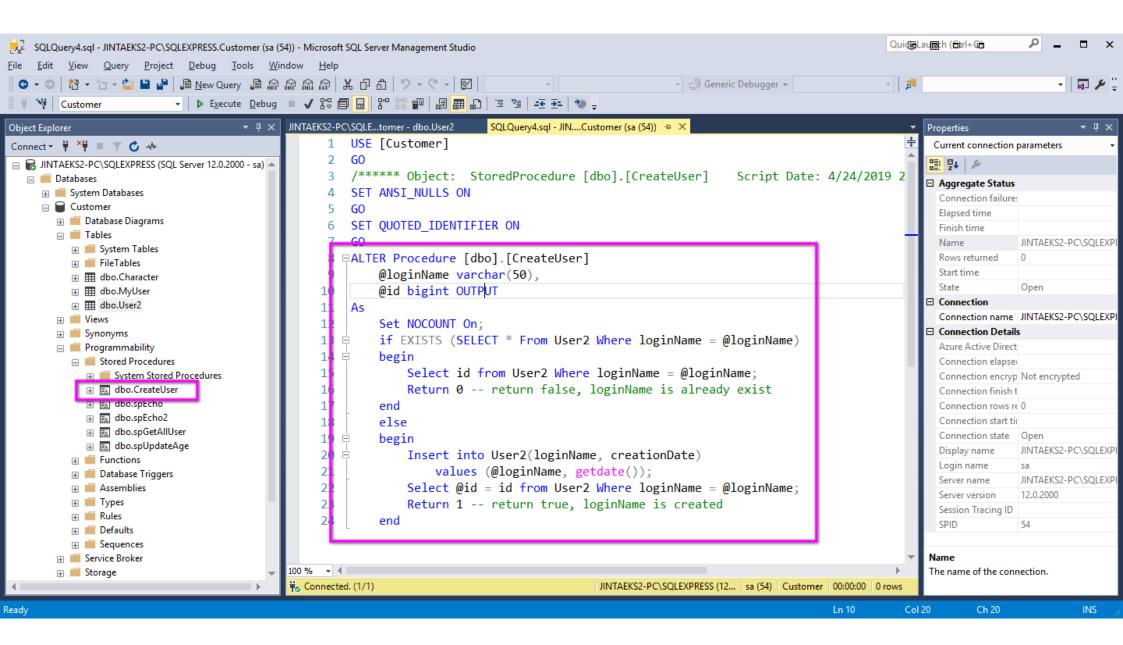
```
-
                                                                                                                (Global Scope)
 #include "otlv4.h" // include the OTL 4.0 header file
 otl connect db; // connect object
□void select()
      otl_stream i(50, // buffer size
           "select loginName from MyUser".
          // SELECT statement
                                                                        ODBC Data Source Administrator (32-bit)
          db // connect object
      );
                                                                        User DSN System DSN File DSN Drivers Tracing Connection Pooling About
                                                                          System Data Sources:
      // create select stream
                                                                                    Platform Driver
                                                                                                                                      Add...
      char f2[31];
                                                                          MySqlExpress 12-bit
                                                                                          SQL Server
      while (!i.eof()) { // while not end-of-data
                                                                                                                                      Remove
          i >> f2:
          std::cout << "f2=" << f2 << std::endl;
                                                                                                                                     Configure...
□int main()
      otl connect::otl initialize(); // initialize ODBC envir
                                                                                 An ODBC System data source stores information about how to connect to the indicated data provider.
      trv {
                                                                                 A System data source is visible to all users of this computer, including NT services.
          db.rlogon("UID=sa;PWD=1234;DSN=MySqlExpress"); // c
          select(); // select records from table
      catch (otl exception& p) { // intercept OTL exceptions
          std::cerr << p.msg << std::endl; // print out error message
          std::cerr << p.stm text << std::endl; // print out SQL that caused the error
```



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                                                 🕨 Local Windows Debugger 🔻 🎜 🚅 🐉 當 ಶ 🗬 👫 🖈 🏡 🗗 🚱 🚜 📲 🔚 🖷 📜 📜 📗
                           Debua 🕶
                                   Any CPU
OtlTest.cpp ⊅ X
T OtlTest
                                                        (Global Scope)
                                                                                                           #include "otlv4.h" // include the OTL 4.0 header file
      4
      5
           otl_connect db; // connect object
      6
      8
          □void select()
                                                             Microsoft Visual Studio Debug Console
      9
                                                             f2=jintaeks
               otl stream i(50, // buffer size
     10
                                                            f2=jintaeks2
                   "select loginName from MyUser"
     11
                                                            C:\Svn\jintaeks\DiconServer\DatabaseProject\Debug\Ot|Test.exe
     12
                   // SELECT statement
                                                             ress any key to close this window . . .
                   db // connect object
     13
     14
               );
     15
               // create select stream
     16
               char f2[31];
     17
               while (!i.eof()) { // while not end-of-data
     18
                   i >> f2.
     19
                   std::cout << "f2=" << f2 << std::endl;
     20
     21
     22
     23
          □int main()
     24
     25
     26
               otl_connect::otl_initialize(); // initialize
     27
               try {
                   db.rlogon("UID=sa;PWD=1234;DSN=MySqlExpre
     28
```

Calling Stored Procedure

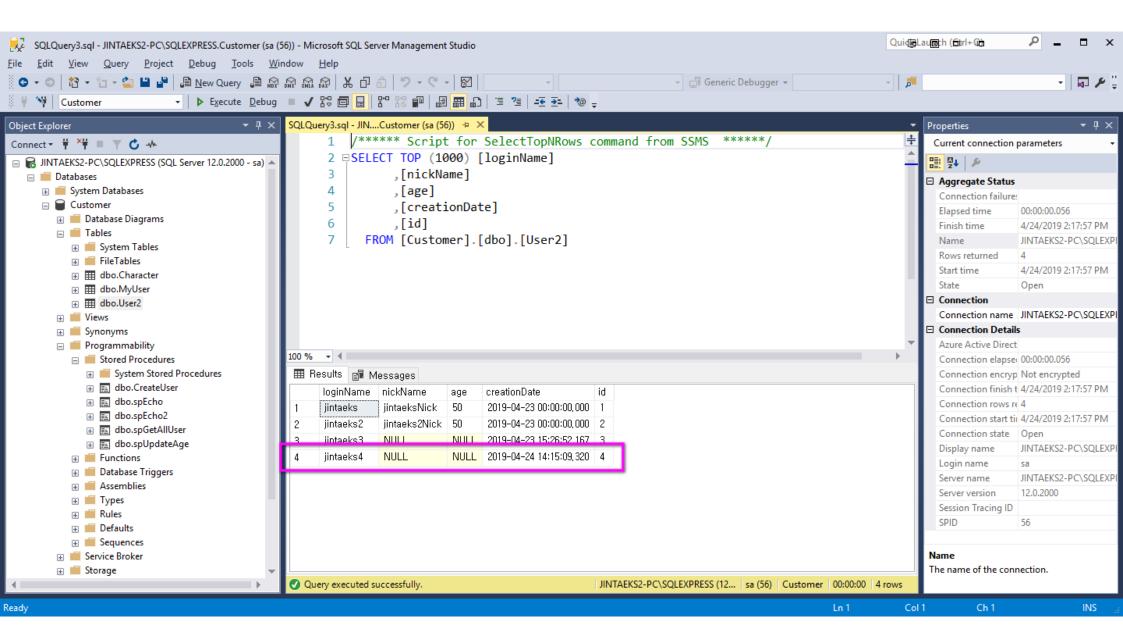




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DatabaseProject - All - Microsoft Visual Studio
    Edit View VAssistX
                        Project Build
                                     Debug Team Tools Test Analyze
                                                                    Window
  G → O 👸 → 當 💾 🛂 🥠 → C → Debug →
                                           Any CPU
                                                                Microsoft Visual Studio Debug Console
Server Explorer
   OtlTest.cpp + X
                                                                f2=jintaeks
                                                                :2=iintaeks2

◆ OtlTest

                                                                A=jintaeks4, B=4
               // invoking stored procedure
         8
                                                                 :\Svn\jintaeks\DiconServer\DatabaseProject\Debug\OtlTest.exe (proces
Toolbox
              □void stored proc(void)
         9
                                                               Press any key to close this window . . .
        10
                    otl stream o(1, // buffer size should
        11
SQL Server Object Explorer
                         "{call CreateUser("
        12
        13
                         " :A<char[50],in>, "
                         " :B<int,out>"
        14
                         ")}",
        15
                         // stored procedure cill
        16
        17
                         db // connect object
        18
                    );
        19
        20
                    o.set commit(0); // set stream auto-c
                                        // the stream does n
        21
        22
                    std::string strLogin = "jintaeks4";
        23
                    o << strLogin.c str(); // assigning :
        24
                    int id;
        25
        26
                    o \gg id;
        27
                    std::cout << "A=" << strLogin.c str() << ", B=" << id << std::endl;
        28
        29
        30
        31
              □void select()
        32
        33
                    otl_stream i(50, // buffer size
        34
                         "select loginName from User2",
        25
                         // SELECT statement
```



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