1. ODBC标准接口函数

https://docs.microsoft.com/en-us/sql/odbc/reference/syntax/sqlfetch-function?view=sql-server-ver15

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| /\*  @type : ODBC 1.0 API  @purpose : to allocate the environment handle  \*/  SQLRETURN SQL\_API SQLAllocEnv(SQLHENV\* phenv) |
| /\*  @type : ODBC 1.0 API  @purpose : to allocate the connection handle and to  maintain the connection list  \*/  SQLRETURN SQL\_API SQLAllocConnect(SQLHENV henv, SQLHDBC\* phdbc) |
| /\*  @type : ODBC 1.0 API  @purpose : allocates the statement handle  \*/  SQLRETURN SQL\_API SQLAllocStmt(SQLHDBC hdbc, SQLHSTMT\* phstmt) |
| /\*  Explicitly allocate a descriptor.  \*/  SQLRETURN SQLAllocDesc(SQLHDBC hdbc, SQLHANDLE\* pdesc) |
| /\*  @type : ODBC 3.8  @purpose : Mapped to SQLCancel if HandleType is  \*/  SQLRETURN SQL\_API SQLAllocHandle(SQLSMALLINT HandleType,  SQLHANDLE InputHandle,  \_Out\_ SQLHANDLE\* OutputHandlePtr) |
| /\*\*  \* 最基本的连接函数  \*/  SQLRETURN SQL\_API  SQLConnect(SQLHDBC hdbc, SQLCHAR\* dsn, SQLSMALLINT dsn\_len\_in,  SQLCHAR\* user, SQLSMALLINT user\_len\_in,  SQLCHAR\* auth, SQLSMALLINT auth\_len\_in) |
| /\*\*  \* 执行SQL语句函数  \*/  SQLRETURN SQL\_API  SQLExecDirect(SQLHSTMT hstmt, SQLCHAR\* str, SQLINTEGER str\_len) |
| /\*  @type : ODBC 1.0 API  @purpose : fetches the next rowset of data from the result set and  returns data for all bound columns  \*/  SQLRETURN SQL\_API SQLFetch(SQLHSTMT StatementHandle) |
| /\*  @type : ODBC 1.0 API  @purpose : retrieves data for a single column in the result set. It can  be called multiple times to retrieve variable-length data  in parts  \*/  SQLRETURN SQL\_API SQLGetData(SQLHSTMT StatementHandle,  SQLUSMALLINT ColumnNumber,  SQLSMALLINT TargetType,  SQLPOINTER TargetValuePtr,  SQLLEN BufferLength,  SQLLEN\* StrLen\_or\_IndPtr) |
| /\*\*  Disconnect a connection.  @param[in] hdbc Connection handle  @return Standard ODBC return codes  @since ODBC 1.0  @since ISO SQL 92  \*/  SQLRETURN SQL\_API SQLDisconnect(SQLHDBC hdbc) |

1. 远程访问服务C++接口函数

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| //连接函数  int tzdb\_connect(TZDB\* tzdb, char\* host,  char\* user, char\* pwd,  char\* db, int port, char\* socket, long clientflag) |
| //执行SQL语句  int tzdb\_ex\_query(TZDB\* tzdb, char\* str, long clientflag) |
| 从结果集中获取下一个数据行集并返回所有绑定列的数据 |
| 取数据 |
| 关闭连接 |
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