1，项目开发工具：QT Creator V4.2.0

2, 项目文件配置路径：

dboperator\dboperator.pro。

启动Api test 模块，需修改dboperator.pro，打开DBOP\_TEST\_ENABLE 开关，改开关默认关闭，打开后没有界面，仅用于API测试。

3，API 调用请参考Api test 模块（路径：dboperator\src\test）。

4，目前仅支撑oracle数据库驱动。增加其他数据库驱动，需要增加对应数据库的adapter plugin（参考路径：dboperator\src\db\plugin），将adapter plugin注册到DB drivers manager(路径：dboperator\src\db\db\_manager.c)。

5，新增应数据库的adapter plugin，需实现接口共9个，如下：

/\*\*

\* @brief

\* Initialize the library.

\* Create a physical connection to an Oracle database server. Executing SQL statements

\*/

int (\* Open)(const char\* strServiceName,

const char\* strUserName,

const char\* strPassword);

/\*\*

\* @brief

\* Perform an immediate abort of any currently Oracle OCI call.

\* Clean up all resources allocated by the library.

\*/

int (\* Close)(void);

/\*\*

\* @brief

\* Prepare and Execute a SQL statement or PL/SQL block.

\* Retrieve the resultset handle from an executed statement.

\*/

int (\* Execute)(char\* str);

/\*\*

\* @brief

\* Get column type.

\*/

int (\* GetColumnType)(unsigned int columnIndex);

/\*\*

\* @brief

\* Get column name.

\*/

const char\* (\* GetColumnName)(unsigned int columnIndex);

/\*\*

\* @brief

\* Get column count.

\*/

int (\* GetColumnCount)(void);

/\*\*

\* @brief

\* Fetch the next row of the resultset.

\*/

BOOL (\* FetchNext)(void);

/\*\*

\* @brief

\* Return the current string value of the column at the given index in the resultset.

\*/

const char\* (\* GetString)(unsigned int columnIndex);

/\*\*

\* @brief

\* Get all table name with database.

\*/

int (\* GetAllTableName)(char\* buf\_ptr, int buf\_size);