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Posted by [ezus](#) on Tue, 02 May 2023 09:22:51 GMT

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```
CDbFta db; // CDatabase db;

int m_TreeID = ...;
int ipart = 1;
int szPart = 16;

char* buf = (char*)malloc(szData + 1);

sql.Format("INSERT INTO Diagrams (treelD, partNb, size, part) VALUES(%d, %d, %d, ? );",
m_TreeID, ipart, szPart);

db.setBindParameters((BYTE*)frBuf, szPart, sql);

db.ExecuteSQL(sql);

class CDbFta : public CDatabase
{
public:
    unsigned char* m_pabImage; // address of the data of the blob //BYTE*
    int m_nImageLen; // sizeof the data in the image, in bytes
    CString m_sStmt; // looks like "UPDATE MyTable SET myFld=? WHERE idxFld=123"

public:
    virtual void BindParameters(HSTMT hstmt);
    void setBindParameters(BYTE* pabImage, int nImageLen, CString sStmt);

    void clearBindParameters();
    void ReadRawData(SQLHSTMT v_SearchHandleIndex, int fieldNb, void* _Raw, SQLINTEGER& RawInd);
```

```
};

void CDbFta::setBindParameters(BYTE* pabImage, int nImageLen, CString sStmt)
{
    m_pabImage = pabImage; // buffer;
    m_nImageLen = nImageLen;
    m_sStmt = sStmt;
}
void CDbFta::BindParameters(HSTMT hstmt)
{
    SQLINTEGER nLenOrInd = m_nImageLen; // use SQL_NTS only for null-terminated string data
    SQLRETURN rc;

    if(m_sStmt == "" || m_sStmt.Find("?)") == -1) return;

    rc = SQLBindParameter(
        hstmt, (SQLSMALLINT)1, SQL_PARAM_INPUT, SQL_C_BINARY, SQL_VARBINARY,
        m_nImageLen, 0, (SQLPOINTER)m_pabImage, m_nImageLen, NULL); // &nLenOrInd );
}
```

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Posted by [ezus](#) on Tue, 02 May 2023 09:30:25 GMT

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Posted by [SD](#) on Tue, 02 May 2023 11:19:19 GMT

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RTFM <https://learn.microsoft.com/en-us/sql/odbc/reference/syntax/sqlbindparameter-function?view=sql-server-ver16>

values are non-NULL and that character and binary data is null-terminated.

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