
Subject: Oracle8: Insert a long RAW Value
Posted by [tojocky](#) on Tue, 25 May 2010 09:23:25 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello All,

Can anybody help me how to insert in Oracle Long RAW value?

I want to import image in a table!

Thanks in advance!

Subject: Re: Oracle8: Insert a long RAW Value
Posted by [mirek](#) on Tue, 25 May 2010 12:24:53 GMT
[View Forum Message](#) <> [Reply to Message](#)

```
SQL.Execute("update TABLE set DATA = ? where ID = ?", SqlRaw(data), q);
```

You cannot use SqlExp for this. That is why I usually split the process into two parts: I use SqlExp to do the insert, then update to set longraw value.

Mirek

Subject: Re: Oracle8: Insert a long RAW Value
Posted by [tojocky](#) on Tue, 25 May 2010 13:00:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

luzr wrote on Tue, 25 May 2010 15:24

```
SQL.Execute("update TABLE set DATA = ? where ID = ?", SqlRaw(data), q);
```

You cannot use SqlExp for this. That is why I usually split the process into two parts: I use SqlExp to do the insert, then update to set longraw value.

Mirek

in oracle8 you use SqlRaw?
I see only in Oracle7 it is processed!

Subject: Re: Oracle8: Insert a long RAW Value
Posted by [mirek](#) on Tue, 25 May 2010 14:49:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

tojocky wrote on Tue, 25 May 2010 09:00luzr wrote on Tue, 25 May 2010 15:24
SQL.Execute("update TABLE set DATA = ? where ID = ?", SqlRaw(data), q);

You cannot use SqlExp for this. That is why I usually split the process into two parts: I use SqlExp to do the insert, then update to set longraw value.

Mirek

in oracle8 you use SqlRaw?
I see only in Oracle7 it is processed!

Yes, I am using Oracle7 (It works all the way up).

"7" is minimal requirement. They have changed C api in Oracle 8 and it does not support LONGRAW anymore (if I remember well), replacing it with BLOBs.

Mirek

Subject: Re: Oracle8: Insert a long RAW Value
Posted by [tojocky](#) on Wed, 26 May 2010 11:52:55 GMT
[View Forum Message](#) <> [Reply to Message](#)

luzr wrote on Tue, 25 May 2010 17:49tojocky wrote on Tue, 25 May 2010 09:00luzr wrote on Tue, 25 May 2010 15:24
SQL.Execute("update TABLE set DATA = ? where ID = ?", SqlRaw(data), q);

You cannot use SqlExp for this. That is why I usually split the process into two parts: I use SqlExp to do the insert, then update to set longraw value.

Mirek

in oracle8 you use SqlRaw?
I see only in Oracle7 it is processed!

Yes, I am using Oracle7 (It works all the way up).

"7" is minimal requirement. They have changed C api in Oracle 8 and it does not support LONGRAW anymore (if I remember well), replacing it with BLOBs.

Mirek

Mirek,

I tried Oracle7 but without success:

It remain on execution command: `oci7.oexec(&cda);` from `bool OCI7Connection::Execute()` on `second(last)` call.

Can you help me with this? Maybe i did something wrong!

I uploaded image from file direct from file like this:

```
String v_img_data(LoadFile(p_image_location));  
curr_st.SetParam(1, SqlRaw(v_img_data));
```

is it correct?

according by this documentation The method `OCIDefineByPos` support long raw type (`SQLT_LBI`).

Thank you in advance

Subject: Re: Oracle8: Insert a long RAW Value
Posted by [tojocky](#) on Wed, 26 May 2010 13:17:24 GMT
[View Forum Message](#) <> [Reply to Message](#)

OK!

The problem is resolved! the problem was: I lock the table in TORA.

Thank you Mirek for help!

I propose to include `SqlRaw` in `Oracle8` class!

The patch is here:

Index: `uppsrc/Oracle/Oci8.cpp`

```
=====
--- uppsrc/Oracle/Oci8.cpp (revision 2421)
+++ uppsrc/Oracle/Oci8.cpp (working copy)
@@ -69,7 +69,7 @@
 struct Item {
     T_OCI8&    oci8;
     int       type;
- int16      len;
+ int       len;
     sb2      ind;
     ub2      rl;
     ub2      rc;
@@ -142,6 +142,7 @@
 void SetParam(int i, Date d);
 void SetParam(int i, Time d);
```

```

void    SetParam(int i, Sql& refcursor);
+ void  SetRawParam(int i, const String& s);

void    AddColumn(int type, int len);
void    GetColumn(int i, String& s) const;
@@ -296,6 +297,13 @@
    PrepareParam(i, r.GetOraType(), r.GetMaxLen(), 0, r.GetType());
}

+void OCI8Connection::SetRawParam(int i, const String& s) {
+ int l = s.GetLength();
+ Item& p = PrepareParam(i, SQLT_LBI, l, 0, VOID_V);
+ memcpy(p.Data(), s, l);
+ p.ind = l ? 0 : -1;
+}
+
class Oracle8RefCursorStub : public SqlSource {
public:
    Oracle8RefCursorStub(SqlConnection *cn) : cn(cn) {}
@@ -320,6 +328,9 @@
    SetParam(i, String());
    else
        switch(q.GetType()) {
+ case SQLRAW_V:
+     SetRawParam(i, SqlRaw(q));
+     break;
    case STRING_V:
    case WSTRING_V:
        SetParam(i, String(q));

```

File Attachments

1) [Oracle8_SqlRaw.patch](#), downloaded 336 times
