
Subject: Handling multiple rows data in sqlite3
Posted by [fuqr](#) on Fri, 16 Nov 2007 02:53:35 GMT
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Dear UPP experts,

I'm quite new for UPP. I have got very useful references from "HomeBudget" about sqlite3 application. One of my question is:

when I use the code below, data of multiple rows can be passed to GridCtrl:

```
" SQL & ::Select(NAME, TOTAL).From(GROUPS).Where(GT_ID == dtid);  
  while(SQL.Fetch()) mostpr.Add(SQL); "
```

But my following code handles first row only when I try to update value of last column using data from other columns in the same row/line and the previous rows/lines:

```
=====
```

```
double vsi21=1, bi=1, bi2=1, mbi2;
```

```
SQL & ::Select(CAT_ID,S21,S22).From(CATEGORIES)  
.Where(CS_ID == cid && GR_ID == gid);
```

```
while(SQL.Fetch())
```

```
{  
  double vs22 = SQL[S22];  
  double vs21 = SQL[S21];  
  int k = SQL[0];
```

```
  bi2 = bi*vsi21;  
  mbi2 = bi2*bi2*vs22*gammer*dbfactor;  
  mbi2 = mbi2*mbi2;  
  bi = bi2;  
  vsi21 = vs21;
```

```
  SQL & ::Update(CATEGORIES)(MBI, mbi2)  
  .Where(CS_ID == cid && GR_ID == gid && CAT_ID == k);  
}
```

```
=====
```

If any mistakes in my code or any other simple way to handle it?

I failed to found any detail manuals in UPP especially for GridCtrl & sql database:).

Thanks in advance for your help.

Qinrong

Subject: Re: Handling multiple rows data in sqlite3
Posted by [unodgs](#) on Fri, 16 Nov 2007 07:29:27 GMT
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You can't use SQL object inside outer SQL.Fetch(). Transform your code to:

```
double vsi21=1, bi=1, bi2=1, mbi2;
```

```
SQL & ::Select(CAT_ID,S21,S22).From(CATEGORIES)  
.Where(CS_ID == cid && GR_ID == gid);
```

```
Sql q_upd(::Update(CATEGORIES)(MBI, SqlArg())  
.Where(CS_ID == cid && GR_ID == gid && CAT_ID == SqlArg()),  
SQL.GetSession());
```

```
while(SQL.Fetch())
```

```
{  
double vs22 = SQL[S22];  
double vs21 = SQL[S21];  
int k = SQL[0];
```

```
bi2 = bi*vsi21;  
mbi2 = bi2*bi2*vs22*gammer*dbfactor;  
mbi2 = mbi2*mbi2;  
bi = bi2;  
vsi21 = vs21;
```

```
q_upd.Run(mbi2, k);  
}
```

Subject: Re: Handling multiple rows data in sqlite3
Posted by [fuqr](#) on Mon, 19 Nov 2007 07:44:13 GMT
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Dear Uno,
Thanks very much for your prompt help!
It's what I want. Where I can find some UPP/SQL programmer manuals for self-learning?

B.T.W. Can I have another question:
After completion of my GUI programming, is't possible to export the whole package then merging it together with my main C++ program in MS Visual Studio .NET 2003 platform and independently compiling all of project code only on C++ platform?

Best Regards,
Qinrong