Subject: Trouble Adding rows to SqlArray
Posted by bianconejo on Thu, 05 Mar 2009 14:38:23 GMT
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Hi Guys,

First of all I'd like to thank you and underline your talent for this great environnement.

I'm using Upp for 1 month now and I like the way it is structured.

I've studied HomeBudget, PostgreSQL example and SQLCommander.

I'd like to know how to add a new row to a sqlarray linked to a form (via array.addctrl).

I've tried several methods like DoAppend, Add and SQL insert query, but when I refresh the array, the new data are missing.

Thanx for your reply and keep up the good work!

the table I attempt to add data to:

```
TABLE_(ORGANISATION)
  SERIAL_  (ORGANISATION_ID) PRIMARY_KEY
  STRING_  (ORGANISATION_NOM, 200) INDEX
  INT64_   (ORGANISATION_TYPE)
REFERENCES(TYPE_ORGANISATION.TYPE_ORGANISATION_ID)
  INT64_   (ORGANISATION_PREFIXE)
REFERENCES(PREFIXE_ORGANISATION.PREFIXE_ORGANISATION_ID)
  STRING_  (ORGANISATION_OBS, 200)
END_TABLE
```

the definition of the array links:

```
a_cache.SetSession(m_session);
[..]

a_cache.SetTable(ORGANISATION);
a_cache.AddKey(ORGANISATION_ID);
a_cache.AddColumn(ORGANISATION_NOM, "Entreprise");
a_cache.AddColumn(ORGANISATION_TYPE, "Type");
a_cache.AddColumn(ORGANISATION_PREFIXE, "PREFIXE");
a_cache.AddColumn(ORGANISATION_OBS, "Obs");
a_cache.SetOrderBy(ORGANISATION_ID);

a_cache.AddCtrl(ORGANISATION_NOM,e_entreprise);
a_cache.AddCtrl(ORGANISATION_TYPE,d_Type);
a_cache.AddCtrl(ORGANISATION_PREFIXE,d_Prefixe);
```

a_cache.AddCtrl(ORGANISATION_OBS,e_Obs);

Subject: Re: Trouble Adding rows to SqlArray
Posted by mirek on Thu, 05 Mar 2009 18:07:23 GMT
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IMO, 'StartInsert' is what you need in this case.

If you use 'Appending().Removing()' modifiers, you will have correspoing commands in context menu.

Mirek

Subject: Re: Trouble Adding rows to SqlArray
Posted by bianconejo on Fri, 06 Mar 2009 09:56:12 GMT
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thanks a lot Mirek !

I'll try this now !

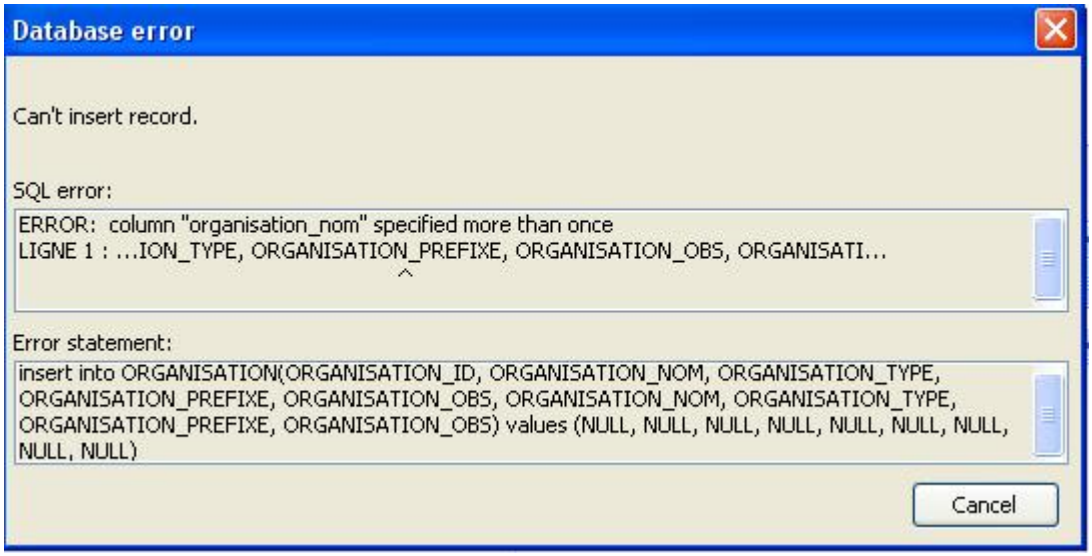
Subject: Re: Trouble Adding rows to SqlArray
Posted by bianconejo on Fri, 06 Mar 2009 11:54:33 GMT
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I ve tried StartInsert but I had redundent fields in the generated sql insert statement (see joined file).

I think I'll drop temporarily SQL arrays and try a less integrated approach in order to get more comfortable with the containers.

Another thank you for your great work

File Attachments
1) erreur postgres.JPG, downloaded 847 times



Subject: Re: Trouble Adding rows to SqlArray
Posted by mirek on Fri, 06 Mar 2009 17:11:00 GMT
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Ah, yes, I missed that in your code. Obviously, you can insert single column just once...

Anyway, U++ still has a way around. ArrayCtrl (and therefore SqlArray) columns and widgets are quite loosely coupled with "indicies" in row. Specifically, you can use two "entities" to point to single row "index".

Practically, you should use AddCtrlAt in your code where you want just single column with two "visuals":

a_cache.AddCtrlAt(ORGANISATION_NOM,e_entreprise);

Mirek

Subject: Re: Trouble Adding rows to SqlArray
Posted by bianconejo on Mon, 09 Mar 2009 11:08:24 GMT
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Hi Mirek

Thanks again !!!

I tried the AddCtrlAt / StartInsert all seem to run well :

* when invoking StartInsert a new line is appending at the end of my SqlArray

* Controls linked to the Array with AddCtrlAt seem to "insert" the new values in the new array line ...

...but, the key column is the only one to remain empty.

For now, Reading and Updating from the gui to the DataBase is OK but creating a new line in the DB is quite problematic...

I tried to alter the definition of the array with AppendingAuto and then AutoInsertId (I thought it could have get a primary key for the new row) but I got a Sql Error (two ID insertion attempt).

Do you have an idea to get this SQL insertion running ?

Subject: Re: Trouble Adding rows to SqlArray
Posted by mirek on Mon, 09 Mar 2009 12:24:14 GMT
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bianconejo wrote on Mon, 09 March 2009 07:08Hi Mirek

Thanks again !!!

I tried the AddCtrlAt / StartInsert all seem to run well :

* when invoking StartInsert a new line is appending at the end of my SqlArray

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Do you have an idea to get this SQL insertion running ?

Unfortunately, this depends on DB choosen. For PGSQL or Oracle, I recommend using sequence and use it with InsertValue.

Mirek

Subject: Re: Trouble Adding rows to SqlArray
Posted by bianconejo on Tue, 10 Mar 2009 08:46:10 GMT
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thanks Mirek

I'll go to Oracommon in order to understand sequences.

thanks for the hint
