Subject: PostgreSQL fieldname case bug
Posted by zsolt on Thu, 24 May 2007 22:16:42 GMT
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The problem is that postgresql returns field names in lower case.
In the original version of PostgreSQL classes, there was a ToUpper() on field names, allowing using expressions like sql[FIELD_NAME].
In current version, ToUpper() disappeared, so I'm unable to get fields by name from a result set.

Put back the original version please.

in bool PostgreSQLConnection::Execute() currently it is:
f.name = PQfname(result, i);
but should be
f.name = ToUpper(PQfname(result, i));

Subject: Re: PostgreSQL fieldname case bug
Posted by mirek on Fri, 25 May 2007 07:23:55 GMT
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OK, applied.

Subject: Re: PostgreSQL fieldname case bug
Posted by unodgs on Fri, 25 May 2007 07:24:55 GMT
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I'm sorry. I was experimenting with PostgreSql plugin and forgot to revert this change. It will be fixed.

PS:
As you can see in postgre plugin code I added GetInsertedId but I pass null in sequence variable:
Format("select currval('%s')", sequence);
As I discovered this is the only way to get the squence value. Unfortunatelly this way requires sequence name.

This leads me to 2 conclusions:
1. GetInsertedId() must be change to GetInsertedId(const char *sequence = NULL)

2. postgres sch interface should generate squences ids automaticaly if column's type is SERIAL (to be able to write SQL.GetInsertedID(T_ID_SEQ)) Now I would be force to do something like this:

TABLE(T)
  INT (id) PRIMARY_KEY
  SEQUENCE(id)

END_TABLE

instead of just

TABLE(T)
  SERIAL (id) PRIMARY_KEY
END_TABLE

Subject: Re: PostgreSQL fieldname case bug
Posted by zsolt on Fri, 25 May 2007 17:50:59 GMT
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Mirek: Thanks

Daniel:
1.: Yes, this would be good idea.
2.: I don't understand that clearly.

Subject: Re: PostgreSQL fieldname case bug
Posted by mirek on Mon, 18 Jun 2007 18:18:28 GMT
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unodgs wrote on Fri, 25 May 2007 03:24I'm sorry. I was experimenting with PostgreSql plugin and forgot to revert this change. It will be fixed.

PS:
As you can see in postgre plugin code I added GetInsertedId but I pass null in sequence variable:
Format("select currval('%s')", sequence);
As I discovered this is the only way to get the squence value. Unfortunatelly this way requires sequence name.

Hm, I am sorry I missed this one...

Actually, this makes PostgreSQL equivalent to Oracle - means you no longer need or use "autoincrement" and GetInsertedId, but rather sequences directly... You only need to add PostgreSQL ValueGen... See SqlSequence in Oracle/OraCommon.h.

Mirek