Subject: Postgresql and bool
Posted by Zbych on Mon, 31 Aug 2009 07:59:19 GMT
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Hi,

In revision 1531 of upp, returned value in PostgreSQLConnection::GetColumn was changed from bool to string:

```
void PostgreSQLConnection::GetColumn(int i, Ref f) const
[...]
1530:
  case BOOL_V:
   f.SetValue(*s == 't' ? true : false);
1531:
  case BOOL_V:
   f.SetValue(*s == 't' ? "1" : "0");
```

So now when I want to check if returned value is true, an assert is triggered.

```
 sql * Select(ROLCREATEROLE).From(PG_ROLES).Where(ROLNAME == current_user);
 if (sql.Fetch()){
  if (sql[ROLCREATEROLE]){// <-- ASSERT
  [...]
  }
 }
```

Correct me if I am wrong, but this change should be done in PostgreSQLConnection::SetParam, because postgres expects '0' and '1' instead of 0 and 1 in case of boolean values.

Subject: Re: Postgresql and bool
Posted by mirek on Wed, 02 Sep 2009 15:57:54 GMT
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Please check:

http://www.ultimatepp.org/forum/index.php?t=msg&th=1284& amp;start=0&

I am sorry for the trouble, but there seems to be no really correct solution...

Mirek

Subject: Re: Postgresql and bool
Posted by Zbych on Thu, 03 Sep 2009 07:27:27 GMT
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luzr wrote on Wed, 02 September 2009 17:57I am sorry for the trouble, but there seems to be no really correct solution...

It is ok. I just don't like idea of testing bools as strings:

if (sql[ROLCREATEROLE] == "1")

but there is SqlToBool that solves my problem.

Subject: Re: Postgresql and bool
Posted by mirek on Fri, 04 Sep 2009 12:28:32 GMT
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[quote title=Zbych wrote on Thu, 03 September 2009 03:27]luzr wrote on Wed, 02 September 2009 17:57I am sorry for the trouble, but there seems to be no really correct solution...

It is ok. I just don't like idea of testing bools as strings:

if (sql[ROLCREATEROLE] == "1")

Neither do I. But they had that great idea to make them incompatible with C/C++...

Mirek