
Subject: Re: PostgreSQL Support Classes [Experimental]

Posted by [unodgs](#) on Mon, 16 Apr 2007 08:22:51 GMT

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I think one should manually write in schema file that a field is primary key, even if serial generates unique values. That's better IMO. Someone else without deep knowledge about given database know immediately what is primary key. And we should remember that we provide a COMMON way to define database structure. In others databases serial not awlays means primary key (rather auto increment)

I think we should solve the problem of multi-field primary key.
Does it work in upp?:

```
TABLE(Test)
  INT ID PRIMARY_KEY
  INT VERSION PRIMARY_KEY
  ...
END_TABLE
```

Antoher thing are database scripts. There should be ONE funtcion to create/update database schema like:

```
OleDBSession db;
db.Prepare() - creates db or update it
```

and some additional funtions

```
db.Create() - only creating db
db.Update() - only updating db
db.Drop() - removing all tables
```

rather than

```
SqlSchema sch(SQLITE3);
StdStatementExecutor se(sqlite3);
All_Tables(sch);
if(sch.ScriptChanged(SqlSchema::UPGRADE))
  Sqlite3PerformScript(sch.Upgrade(),se);
if(sch.ScriptChanged(SqlSchema::ATTRIBUTES)) {
  Sqlite3PerformScript(sch.Attributes(),se);
}
if(sch.ScriptChanged(SqlSchema::CONFIG)) {
  Sqlite3PerformScript(sch.ConfigDrop(),se);
  Sqlite3PerformScript(sch.Config(),se);
}
sch.SaveNormal();
```

It is too complicated.
