Subject: SQL - option for real case of column/table/database names
Posted by mezise on Wed, 29 Dec 2021 10:04:02 GMT
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Hi,

I decided to write database management app in Upp but the requirement is to have real case names of columns, tables and databases.
Subject of not forced uppercase names in SQL was already mentioned in several posts but without any action for implementation.

Easy way to implement this is to add global option to SQL session.
Mirek, can you suggest the name for that option, where and how it should be assigned and accessed following your coding standards.

Thanks,
Michael

Subject: Re: SQL - option for real case of column/table/database names
Posted by mezise on Wed, 29 Dec 2021 20:47:06 GMT
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Guys, could you apply those changes?
Example usage:

```
MySqlSession session;
session.UseRealcase();
```

Diff:

```
diff -r old_ver15947/uppsrc/Sql/Sql.cpp new/uppsrc/Sql/Sql.cpp
151,152c151,153
<  for(int i = 0; i < cn->info.GetCount(); i++)
<   cn->info[i].name = ToUpper(cn->info[i].name);
---
>  if(!session.IsUseRealcase())
>   for(int i = 0; i < cn->info.GetCount(); i++)
>    cn->info[i].name = ToUpper(cn->info[i].name);
347c348,349
<   s = ToUpper(s);
---
>   if(!GetSession().IsUseRealcase())
>    s = ToUpper(s);
364c366,367
<   s = ToUpper(s);
---
>   if(!GetSession().IsUseRealcase())
```

```
>    s = ToUpper(s);
diff -r old_ver15947/uppsrc/Sql/Sqls.h new/uppsrc/Sql/Sqls.h
320a321
>  bool                 use_realcase = false;
376a378,379
>  bool                 IsUseRealcase() const              { return use_realcase; }
>  void                 UseRealcase()                   { use_realcase = true; }
```

Subject: Re: SQL - option for real case of column/table/database names
Posted by Klugier on Thu, 30 Dec 2021 01:08:52 GMT
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Hello,

Thank you for your patch! Mirek will definitely look at this! We encourage everyone to create Pull Requests on GitHub instead of posting diffs on this forum. It has several advantages over diff like integrated code review tool. Also PR is hard to miss instead of forum thread.

Do not feel pressure about PR - it will be just welcome.

Klugier

Subject: Re: SQL - option for real case of column/table/database names
Posted by mezise on Thu, 30 Dec 2021 13:40:41 GMT
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Hi,

Thank you Klugier for suggestion of the most effective change implementation path. I have created pull request:
https://github.com/ultimatepp/ultimatepp/pull/58

mezise
