

Component that helps generating sql code

Source:

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I've been spending a few hours writing a component that helps generate simple sql queries. But if I can come up with the idea, it's probably stupid or someone has already done it. So does anyone know of a component that does something like this (or is it a stupid idea)? It's no supposed to be able to handle all queries, just make life a bit simpler 95% of the time. The code would look something like this (SqlSelect is the helper class):

```
SqlSelect sql = new SqlSelect("Customers");
sql.AddSelectColumn("fname");
sql.AddSelectColumn("lname");
sql.AddWhereParameter("fname", "john");
sql.AddWhereParameter("lname", "smith");
SqlCommand cmd = sql.GetCommand(conn);
```

I then had another idea. Why not make a program that extracts all user table data from the database and creates source code with constants for all table and column names. Is this another stupid idea? The generated source code would be something like this:

```
namespace Appname.DBNames
{
    public class Customers
    {
        public const string a_TableName = "Customers";
        public const string c_fname = "fname";
        public const string c_id = "id";
        public const string c_lname = "lname";
    }
}
```

One class for each table. The 'c_' is there in case a column name collides with a reserved name. 'a_' is used to get the table name first in intellisense.

You would get great help from intellisense by typing DBNames.Customers.c_lname. But if you don't use a component like above to help generate the sql code, the code might get ugly. The sql string would quickly get very long.

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Any comments?

Peter

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