
Subject: Re: Syntactic sugar

Posted by [unodgs](#) on Mon, 20 Oct 2008 19:26:31 GMT

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Try this :

```
#include <Core/Core.h>
#include <Sql/Sql.h>

using namespace Upp;

struct CustomerTable
{
    const SqlId ID;
    const SqlId NAME;
    const SqlId AGE;

    operator SqlId()
    {
        return SqlId("CUSTOMER");
    }

    CustomerTable() :
        ID("CUSTOMER.ID"),
        NAME("CUSTOMER.NAME"),
        AGE("CUSTOMER.AGE")
    {}
};

CustomerTable CUSTOMER;
#define CUS CUSTOMER //alias

CONSOLE_APP_MAIN
{
    SqlSelect s =
        ::Select(CUSTOMER.NAME, CUSTOMER.AGE)
        .From(CUSTOMER)
        .Where(CUS.ID == 10);

    SqlStatement stmt = s;
    Cout() << stmt.GetText() << '\n';
}
```

If we expand TABLE macros in this way it would be possible to use natural SQL field qualification. If you would like to use :: instead dot you should declare all SqlId's inside the CustomerTable as static, but this is a more complicated way and there is a problem with From. Anyway I think I'll explore my new approach
