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Subject: Re: Prefix to prevent name clash in SQL: Sqld, variables, tables, ...

Posted by [sevenjay](#) on Mon, 30 Aug 2010 13:45:34 GMT

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I have another opinion on this.

When you create tables/columns with lower-case names, set Sqld like

Sqld TITLE("Title");

It will not match the table/column name "Title" because it will be "TITLE" in cn->info[i].name.

That is not convenient to force user to set Sqld all upper case.

Sqld TITLE("TITLE");

I think it could be case insensitive equality comparison.

```
if(cn->info[i].name == s)
could be
if( 0 == s.CompareInsensitive(~(cn->info[i].name)))
The method CompareInsensitive maybe like this
template <class B>
int AString<B>::CompareInsensitive(const tchar *b) const
{
    const tchar *a = B::Begin();
    const tchar *ae = End();
    for(;;) {
        if(a >= ae)
            return *b == 0 ? 0 : -1;
        if(*b == 0)
            return 1;
        int q = cmpval__(*a) - cmpval__(*b);
        if( (cmpval__('a') < cmpval__(*a) && cmpval__(*a) < cmpval__('z')) ||
            (cmpval__('A') < cmpval__(*a) && cmpval__(*a) < cmpval__('Z')) )
            if(q == cmpval__('a') - cmpval__('A') || q == cmpval__('A') - cmpval__('a'))
                q = 0;
        if(q)
            return q;
        *a++;
        *b++;
    }
}
```

I tried it's OK.

But I am not sure if it is faster than ToUpper.

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