

---

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

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

[View Forum Message](#) <> [Reply to Message](#)

---

I have another opinion on this.

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

```
SqlId 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 SqlID all upper case.

```
SqlId 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.

---