
Subject: AString::Compare missing explicit return value
Posted by [rainbowsally](#) on Tue, 23 Dec 2014 09:56:31 GMT
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For x86-based C/C++, the eax/rax register is usually returned by default (for int types) and this is probably the register holding 'q' below, but it can't be counted on.

File: uppsrc/Core/AString.hpp

```
template <class B>
int AString<B>::Compare(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(q)
            return q;
    }
    // -rs added 1 line to explicitly return q(=0)
    return 0;
}
```