
Subject: string filtering bug

Posted by [Zbych](#) on Tue, 21 Jul 2009 12:33:04 GMT

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Hi,

String filtering functions for some reason treat all input data as bytes. This causes incorrect

```
WString Filter(const wchar *s, int (*filter)(int))
{
    WString result;
    while(*s) {
        int c = (*filter)((char)*s++);
        //          ^^^^^^^^ bug, should be wchar
        if(c) result.Cat(c);
    }
    return result;
}
```

```
String Filter(const char *s, int (*filter)(int))
{
    String result;
    while(*s) {
        int c = (*filter)((byte)*s++);
        //          ^^^^^^^^ problem when s is UTF-8
        if(c) result.Cat(c);
    }
    return result;
}
```