
Subject: Re: string filtering bug
Posted by [mirek](#) on Tue, 21 Jul 2009 15:17:50 GMT
[View Forum Message](#) <> [Reply to Message](#)

Zbych wrote on Tue, 21 July 2009 08:33Hi,

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;
}
```

Thanks. First one fixed (hopefully), second one I have to think through...

Mirek
