
Subject: [FIXED] String::Replace(empty string,) => Out of memory!

Posted by [omari](#) on Fri, 02 May 2014 14:16:47 GMT

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Hi,

a call to String::Replace(f, r) crash if f.GetCount is equal to 0, with message:

Out of memory!

Request size : 905969755 B

U++ allocated memory: 442520 KB

I found that is because Replace use t_find (StringFind.hpp line 30):

```
template <int step> // Template parameter to be a constant
int t_find(const char *ptr, int slen, const char *p, int len, int from)
```

and t_find returns 0 if slen is equal to 0.

```
else
if(len == 1) {
    char p0 = p[0];
    while(s <= e) {
        if(*s == p0)
            return (int)(s - ptr);
        s += step;
    }
}
else
    return 0; <---- (line 87)
```

if t_find return -1 instead of 0, it resolve the issu.

Regards

omari.