Subject: Re: 16 bits wchar
Posted by cbpporter on Mon, 15 Oct 2007 13:01:36 GMT
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It seems that somewhere a bug managed to sneak in. I used a code to test if a string after error-escaping and un-error-escaping would have the same value and once in a while a get an assertion error that the strings are not equal and even more rarely I get one in String.h at line 567, function Zero. I'll try to find and fix this bug.

And it would be real nice if TheIDE would take me to the correct file and line number after a failed assertion, rather than to some line in AssertFailed function.

```
#include <Core/Core.h>
#include <cstdlib>
#include <ctime>

using namespace Upp;

const int StrLen = 10;
const int BufferSize = StrLen + 1;

CONSOLE_APP_MAIN
{
 char s[BufferSize];

 srand(time(NULL));

 for (int j = 0; j < 10000; j++)
 {
  for (int i = 0; i < StrLen; i++)
   s[i] = rand() % 254 + 1;

  s[BufferSize] = 0;

  String first = s;
  String second = ToUtf8EE(first, first.GetLength());

  String back = FromUtf8EE(second, second.GetLength());

  DUMP(first);
  DUMP(second);
  DUMP(back);

  if (second == "" || back == "")
   continue;

  ASSERT(first == back);
```

```
 }
}
```