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Subject: Re: 16 bits wchar

Posted by [mirek](#) on Fri, 12 Oct 2007 09:59:09 GMT

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P.S.: Really, more and more we are dealing with this, more and more it is apparent that the real solution is

```
typedef int32_t wchar_t
```

The only trouble are those UCS4 <-> UTF-16 conversions, but IMO not that big trouble.

Anyway, what might be a good idea for now is Utf8 <-> Utf16 conversion utilities, what do you think?

Also interesting question: While longer UTF-8 sequences are invalid, would not be actually a good idea to accept them as a form of error-escapement? I can imagine a couple of scenarios where this might be very useful... E.g. what are we supposed to do with invalid UCS-4 values after all?

Mirek

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