luzr wrote on Wed, 03 October 2007 10:26Error escaping in Stream:

The error escaping in GetUtf8 is impossible, as it returns only single int - you do not know you have to escape until you read more than single character from the input - and then you need more than one wchar to be returned...

It depends on what that int represents and what kind of error escaping is used. For Utf-8, there are only a small number of characters that are invalid and they could be escaped to non-character code-points or even to a small region of the Private Use Area (for example FFF00-FFFFF). The private user area has approximatively 130000 reserved code points which are guaranteed to not appear in public Unicode data (they are reserved for private processing only, not data interchange).