
Subject: Re: PipeStream - bidirectional Stream
Posted by [dolik.rce](#) on Wed, 20 Feb 2013 19:40:47 GMT
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mirek wrote on Tue, 19 February 2013 00:40: Set limits to value that allows fast Get/Put only in actual mode and forces `_Get/_Put` otherwise.

E.g. in read mode, set `wrlim` to `buffer begin`. Then when Put is used, it will go to `_Put`, where the situation can be fixed (and `rdlim` set to `buffer begin`).

Well, that sounded easier than it was. It also required to get rid of the internal counter of available bytes, because the Stream methods wouldn't update it. This led to some hidden bugs which took me quite some time to figure out...

Anyway, I committed the changes to sandbox and it should be working now. The last thing I'm not sure about is the `GetLeft()` method, returning the number of bytes available for reading. It is not virtual in Stream, but calculated as `GetSize() - GetPos()`. `GetSize` could be implemented in PipeStream to work correctly, but `GetPos` in its current form will return wrong values. Any ideas about this? What about making at least one of `GetPos`, `GetLeft` virtual too?

Honza
