Subject: Re: PROPOSAL: small / usefull Stream iface extension
Posted by kohait00 on Thu, 12 Aug 2010 06:36:15 GMT

the use case of this is the following:

when coding or especially decoding some nontrivial protocols from a Stream (beeing serialized by another device actually, coming in serially) one needs to 'interpret' the data being made available in the stream, instead of consuming it. only if the paket is 'valid' in total, it may be consumed. if not, one may drop one byte and start 'interprete' again. if not all data is available yet one may postpone processing..without copying over and over again..

all this is not possible without accessing the data directly. otherwise a rebuffering would be nesseccary, which is not very well.

trying to avoid copying / reallocating stuff..(will probably run on an embedded system, whithout MPU / MMU (blackfin), which doesnt like a lot of new / delete)