```
srsran::ldpc segmenter tx
                           srsran::ldpc segmenter rx
 ~ldpc_segmenter_tx()
                            + ~ldpc_segmenter_rx()
segment()
                            + segment()
           srsran::ldpc segmenter impl
            + segment()
            + segment()
            + create ldpc segmenter
               impl tx()
              create_ldpc_segmenter
               impl rx()
              segment length
               nof tb bits in
               nof tb bits out
               nof segments
               nof symbols_per_layer
               nof short segments
```