```
srsran::ldpc rate dematcher
  + ~ldpc rate dematcher()
  + rate dematch()
srsran::ldpc rate dematcher impl
     rate dematch()
 +
 #
     combine softbits()
     deinterleave qpsk()
 #
     deinterleave gam16()
 #
     deinterleave gam64()
 #
     deinterleave gam256()
 #
  srsran::ldpc_rate_dematcher
          avx512 impl
     combine softbits()
   #
   # deinterleave gpsk()
   # deinterleave gam16()
   # deinterleave gam64()
   # deinterleave gam256()
```