```
process< IsDownlink >
+ DEFAULT_ACK_TIMEOUT
  SLOTS
+ SHORT_ACK_TIMEOUT_DTX
+ MAX_NOF_TBS
# logger
# timeout_notifier
# max_ack_wait_in_slots
# last_slot_ind
# last slot tx
# last_slot_ack
# slot_ack_timeout
# tb array
+ harq_process()
+ slot_indication()
+ slot_tx()
+ slot_ack()
+ empty()
+ has_pending_retx()
+ is_waiting_ack()
+ max_nof_harq_retxs()
+ tb()
+ reset()
+ cancel_harq_retxs()
+ get slot ack timeout()
# tx_common()
# new_tx_tb_common()
# new_retx_tb_common()
# ack_info_common()
# reset_tb()
              < true >
     srsran::detail::harq
      _process< true >
+ DEFAULT_ACK_TIMEOUT
   SLOTS
+ SHORT ACK TIMEOUT DTX
+ MAX_NOF_TBS
# logger
# timeout_notifier
# max_ack_wait_in_slots
# last_slot_ind
# last slot tx
# last_slot_ack
# slot_ack_timeout
# tb_array
+ harq_process()
+ slot_indication()
+ slot_tx()
+ slot_ack()
+ empty()
+ has_pending_retx()
+ is_waiting_ack()
+ max_nof_harq_retxs()
+ tb()
+ reset()
+ cancel_harq_retxs()
+ get_slot_ack_timeout()
# tx common()
# new_tx_tb_common()
# new_retx_tb_common()
# ack_info_common()
# reset tb()
   srsran::dl_harq_process
+ empty()
+ has pending retx()
+ is_waiting_ack()
+ last_alloc_params()
+ new_tx()
+ new_retx()
```

+ tx\_2\_tb() + ack\_info()

+ save\_alloc\_params()

+ increment\_pucch\_counter()

srsran::detail::harq