```
srsran::detail::harq
_process< IsDownlink >
```
+ id
+ 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 >   < false >

```
srsran::detail::harq
_process< true >
```
+ id
+ 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::detail::harq
_process< false >
```
+ id
+ 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::ul_harq_process
```
+ empty()
+ has_pending_retx()
+ is_waiting_ack()
+ max_nof_harq_retxs()
+ tb()
+ last_tx_params()
+ crc_info()
+ new_tx()
+ new_retx()
+ save_alloc_params()
+ cancel_harq_retxs()
+ get_tbs_bytes()