```
notification
# notifications
# read index
# write index
# notification callback
# user obi
# missed notification
 event cnt
# notification buf
+ notification()
+ ~notification()
+ post_notification_msg()
+ set notification callback()
+ missed_notification
 event count()
# post notification event()
           ΛΛΛ
      notification imp
 - h thread

    notify waiting

 thread

    h thread

    thread id

    poll events

- notify waiting
+ notification imp()
+ ~notification imp()
+ post notification event()
+ notification imp()
+ ~notification imp()
+ notification imp()
+ ~notification imp()
+ post notification event()

    notification thread init()

dispatch callbacks()

    notification thread init()

    proc_notification thread

 callback()
 post notification event()

    notification thread init()

    dispatch callbacks()

dispatch thread()
proc_notification_thread()
 dispatch thread()
```