```
system_message_queue

    space avail

- data avail
- critical section obi
- buf
- in pos
- out pos
- entry count
- entry size
+ system message queue()
+ system message queue()
+ ~system message queue()
+ queue push()
+ queue_pop_nowait()
+ queue pop wait()
+ queue data available
object()
+ system message queue()
+ system message queue()
+ ~system message queue()
```

+ queue_push()+ queue_pop_nowait()+ queue_pop_wait()+ queue_data_available

object()