```
QueuePolicies >
                                         + concurrent_priority
                                           _queue()
                                        + try_push()
                                        + push_blocking()
                                        + try_pop()
                                        + try_pop()
                                        + try_call_on_pop()
                                        + pop_blocking()
                                        + pop_blocking()
                                        + call_on_pop_blocking()
                                        + request_stop()
                                        + capacity()
                                        + size()
                                        + size()
                                        + get_enqueuer()
                                        + get_non_blocking_enqueuer()
                                         + nof_priority_levels()
                                                         < srsran::unique_function,
                                                             QueuePolicies... >
                                      srsran::concurrent
                                      _priority_queue< srsran ::unique_function, QueuePolicies... >
                                           concurrent_priority
                                           _queue()
                                       + try_push()
                                       + push_blocking()
                                       + try_pop()
                                       + try_pop()
                                       + try_call_on_pop()
                                       + pop_blocking()
                                       + pop_blocking()
                                       + call_on_pop_blocking()
                                       + request_stop()
                                          capacity()
                                          size()
                                       +
                                          size()
                                           get_enqueuer()
                                           get_non_blocking_enqueuer()
                                           nof_priority_levels()
                                                 +queue
                                srsran::detail::strand
                                 _queue< QueuePolicies >
   atomic< uint32_t >
                                       strand_queue()
                                                                     +queue
                                       strand_queue()
                                       try_push()
                                       get_enqueuer()
                                             < QueuePolicies... >
              #job_count
                                      srsran::detail::strand
                                      queue < Queue Policies... >
 srsran::base_task_strand
                                                                          array< concurrent_queue
                                                                          _policy, sizeof...(QueuePolicies)>
                                             strand_queue()
+ ~base_task_strand()
                                        +
                                             strand_queue()
                                        +
+ handle_enqueued_task()
                                             try_push()
# dispatch_strand()
                                             get_enqueuer()
                                               #queue
                                                                     +queue_policies
                  srsran::detail::task
                  _strand_with_queue< QueuePolicies >
                          task_strand_with_queue()
                     +
                          execute()
                          defer()
                          get_executor()
                          get_executor_ptr()
                                                                 #queue
                                                                                        +queue_policies
                          get_enqueuer()
                          nof_priority_levels()
                     #
                          get_executor_ptr_impl()
                     #
                          run_enqueued_tasks()
                          handle_failed_task
                          _dispatch()
                     #
                          get_run_strand_task()
                                          < QueuePolicies...
                                 srsran::detail::task
                                 _strand_with_queue< QueuePolicies... >
                                         task_strand_with_queue()
                                    +
                                         execute()
                                    +
                                         defer()
                                    +
                                         get_executor()
                                    +
                                         get_executor_ptr()
                                    +
                                         get_enqueuer()
                                    +
                                         nof_priority_levels()
                                    +
                                   #
                                         get_executor_ptr_impl()
                                   #
                                         run_enqueued_tasks()
                                    #
                                         handle_failed_task
                                         _dispatch()
                                         get_run_strand_task()
                                      srsran::task_strand
                                       < Executor, QueuePolicies >
```

task_strand()

srsran::concurrent _priority_queue < T,