```
srsran::channel_precoder
                                  + ~channel precoder()
                                  + apply_precoding()
                                  + apply_layer_map_and
                                     _precoding()
                                                srsran::channel precoder impl
                channel precoder dummy
                                                    channel precoder impl()
                 + apply_precoding()
                                                    apply precoding()
                 + apply_layer_map_and 
_precoding()
                                                    apply precoding port()
                                                                                                 srsran::channel_precoder_neon
srsran::channel_precoder_avx2
                                    srsran::channel precoder
                                                                   srsran::channel_precoder
                                            _avx512
                                                                          _generic
    apply_precoding_port()
                                                                                                     apply_precoding_port()
                                    + apply_layer_map_and _precoding()
                                                                  + apply_layer_map_and 
_precoding()
    apply_layer_map_and
                                                                                                      apply_layer_map_and
     precoding()
                                                                                                      precoding()
```