```
sysio::producer_plugin
 _impl::maybe_produce_block
  sysio::producer_plugin
                                          sysio::producer_plugin
                                                                                    sysio::producer_plugin
                                                                                                                     sysio::producer_plugin
                                          _impl::schedule_production_loop
   _impl::on_incoming_block
                                                                                       _impl::start_block
                                                                                                                      impl::remove expired trxs
sysio::producer_plugin
_impl::restart_speculative_block
```