```
cl_http::http_session_base
                         + ~http session base()
                         + run()
                         + getPort()
std::enable shared
                         + setBody()
from this< ssl http
                         + setHeaders()
     session >
                         # on resolve()
                         # fail()
                         # on connect()
                         # on write()
                         # on read()
                         # on_handshake()
                         # on shutdown()
           cl_http::ssl_http_session
            - kPort
              onResponse
              resolver
              stream
             - buffer
              req
              res
            + ssl http session()
            + ~ssl http session()
            + run()
            + getPort()
             - on_resolve()

    fail()

             - on connect()
             - on handshake()
             - on write()
             - on read()
             - on shutdown()
             setBody()
               setHeaders()
               appendToHeader()
```