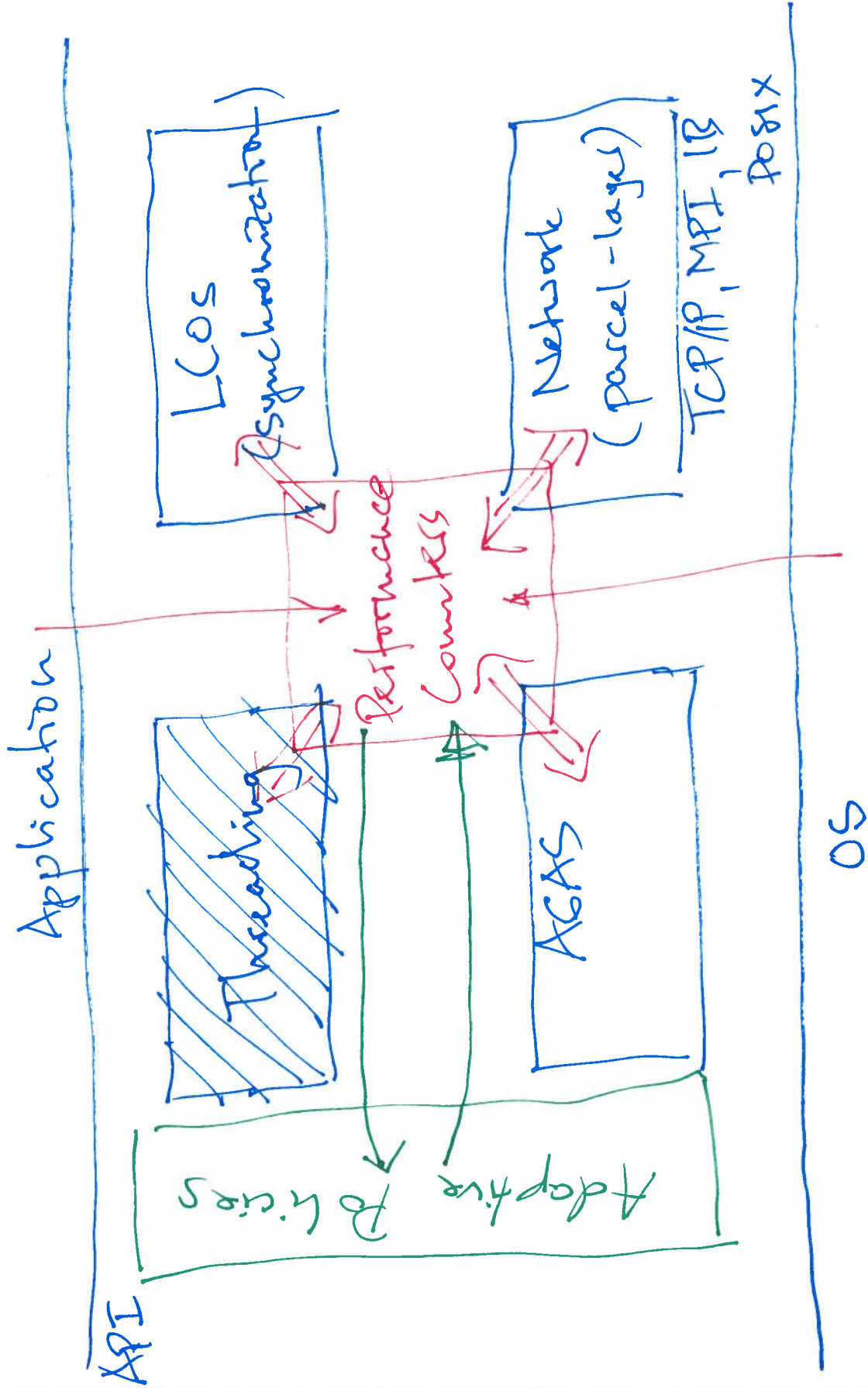
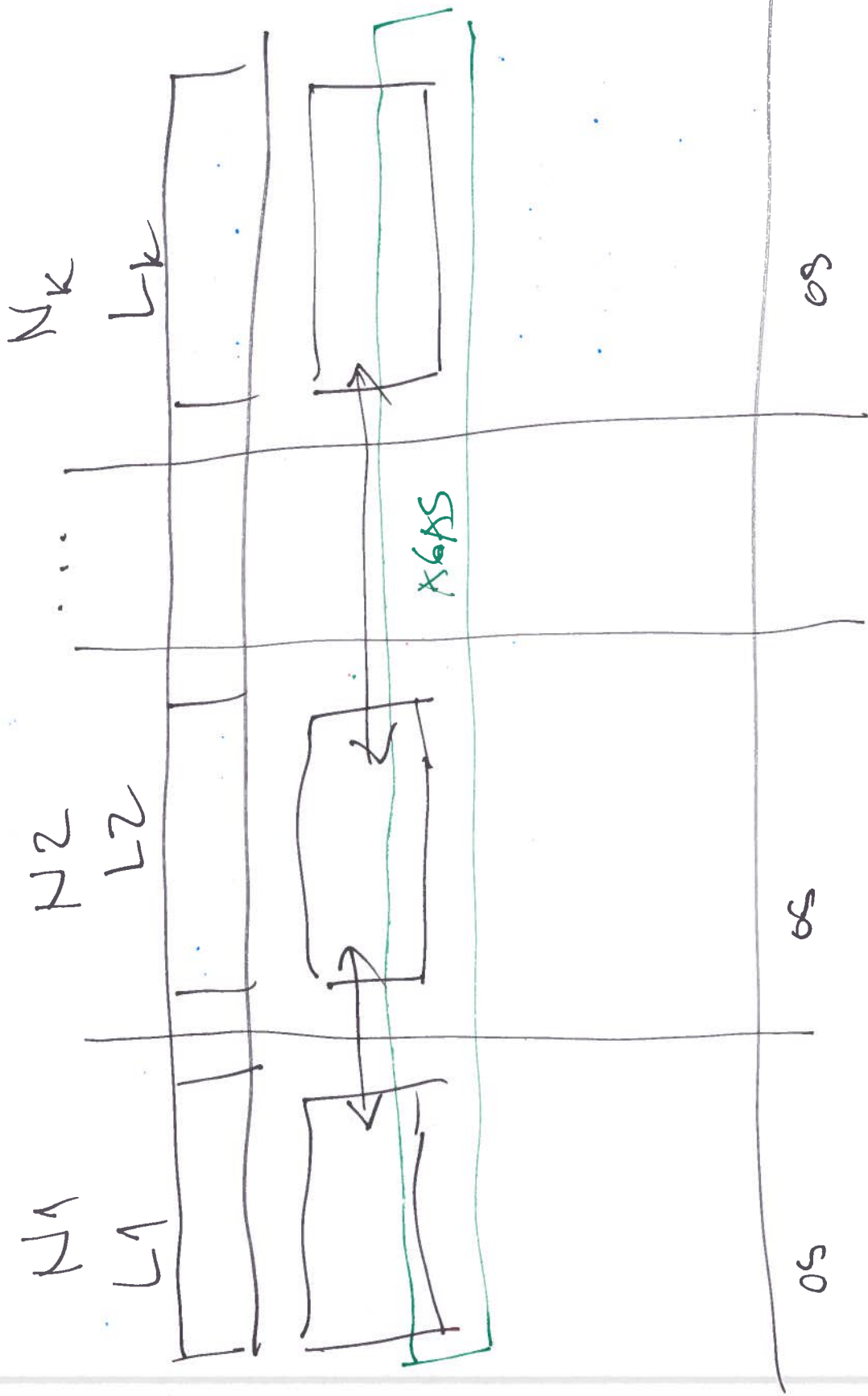


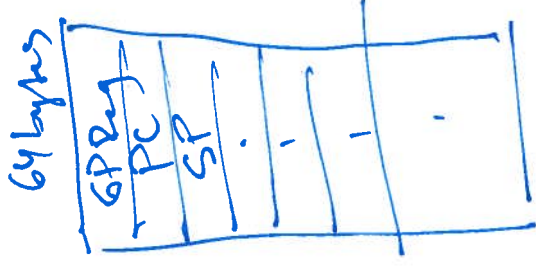
HPX



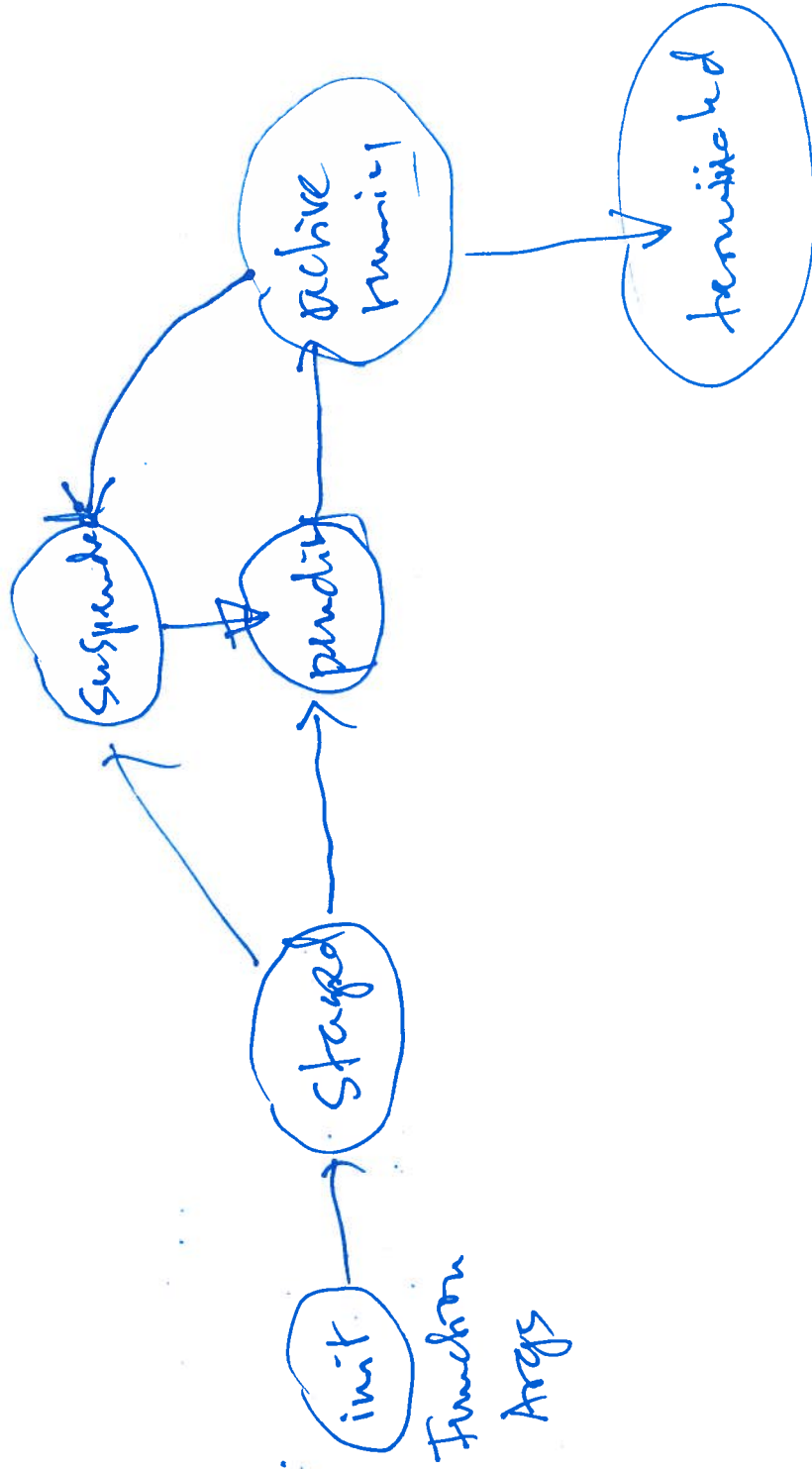


Thread - Subsystem

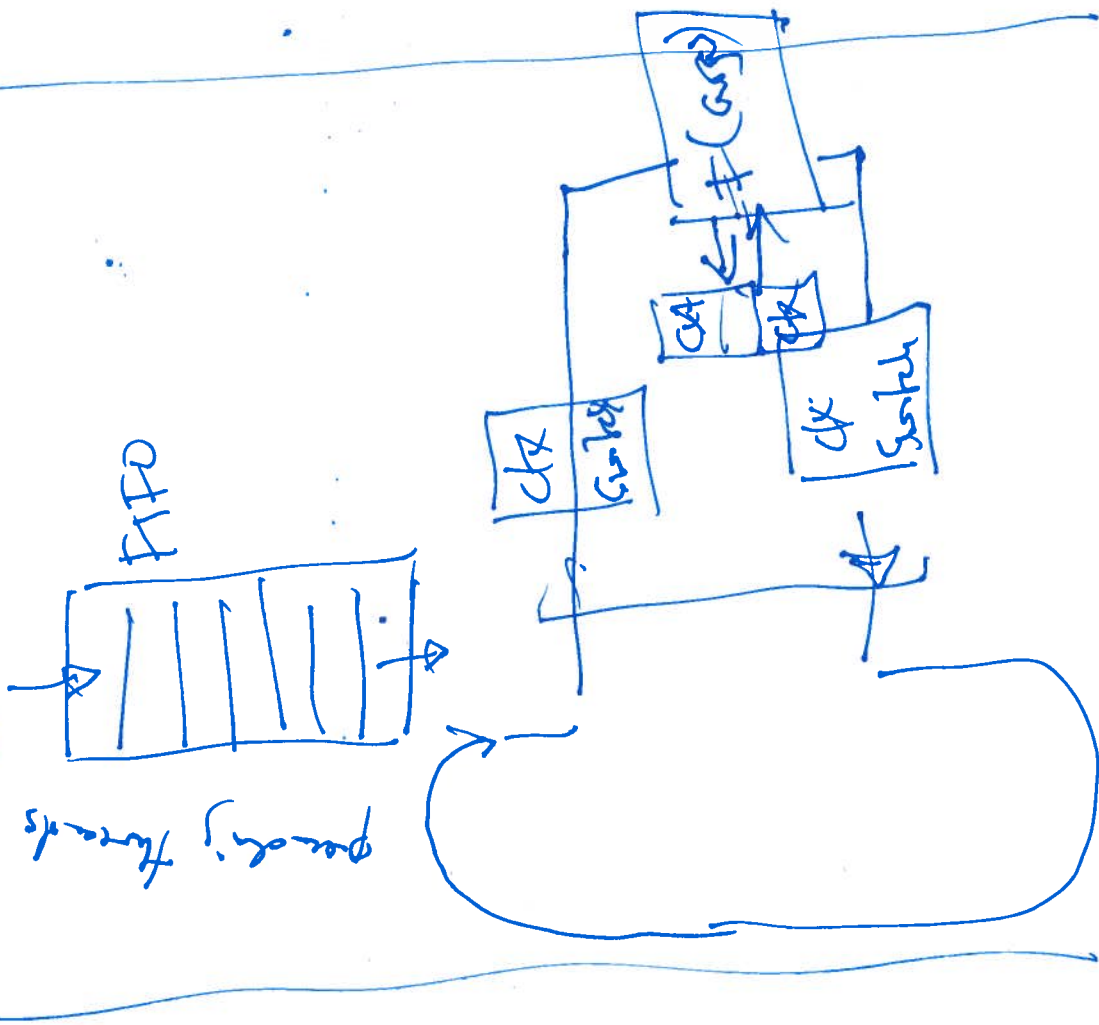
- stream of operation
- thread context
 - memory static + dynamic
 - PC, registers
 - stack
- stack

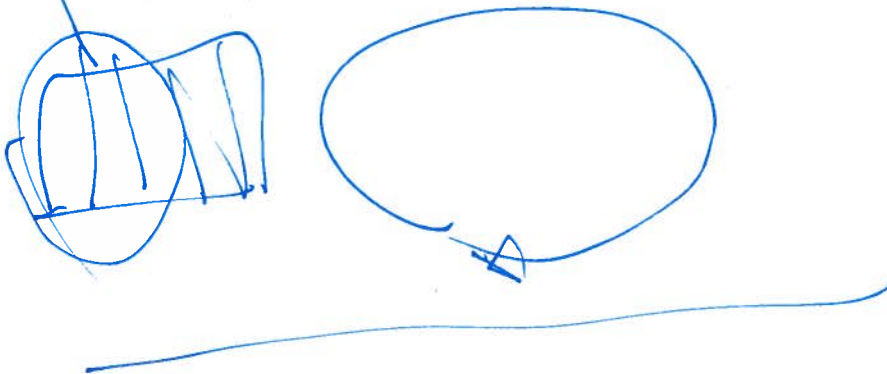
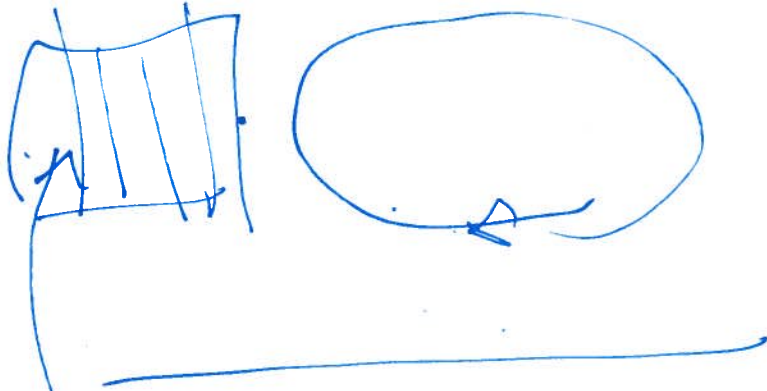
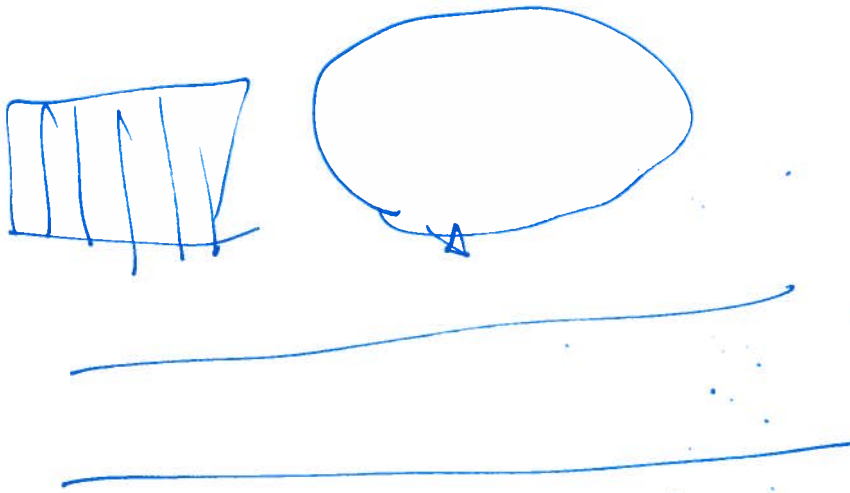


States of Thread



Schedules





API

void(hpx::apply(f, args...));

int foo(--)

future<int> f = hpx::async(foo, args...)

int i = f.get();

async<Action>(--)

C++11

std::thread
↓
hpthread::thread t(foo, args);

t.join();