C++ PARALLEL PROGRAMMING

Function pointers
ret (*id) (p1, p2, …)

Thread t1(f1, p1, p2)

threads

sync

Thread t1([=] { print(i)})

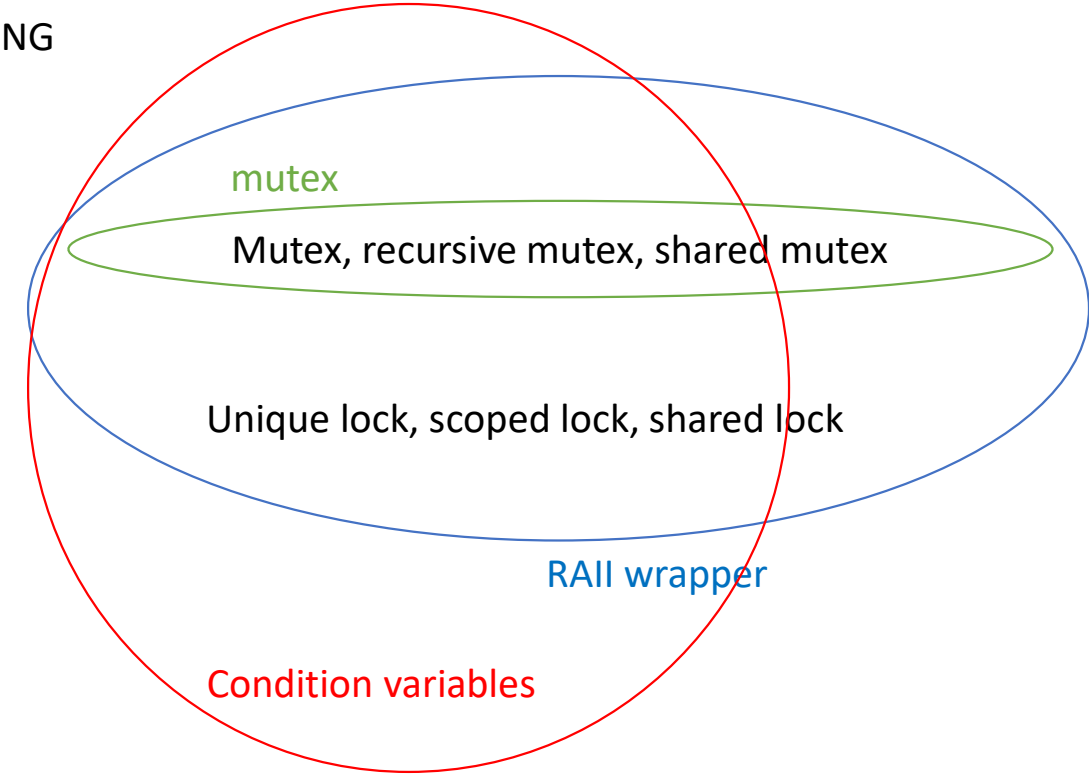
Lambda expression
[c] (p) -> ret {body}

auto lambda = [c] (p) -> ret {body}

// some other code

ret a = lambda (p)

Atomic operations



C++ TASK-BASED PARALLEL PROGRAMMING