Threading C++

[std::lock\_guard<std::mutex> instead 1](#_Toc138099647)

# std::lock\_guard<std::mutex> instead

To avoid threading errors in the program, you can use **std::lock\_guard<std::mutex>** instead of manually locking and unlocking the mutex. The std::lock\_guard provides a convenient way to automatically lock and unlock the mutex in a scoped manner, ensuring proper synchronization.

  mu.lock();

  std::cout << "Factorial of " << number << " : " << result << std::endl;

  mu.unlock();

std::lock\_guard<std::mutex> lock(mu);