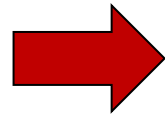


Performance Comparison

```
std::chrono::duration<double> st = std::chrono::system_clock::now();
for (long long i=0 ; i < 100000000; ++i){
    int* tmp(new int(i));
    delete tmp;
    // std::unique_ptr<int> tmp(new int(i));
    // std::unique_ptr<int> tmp= std::make_unique<int>(i);
    // std::shared_ptr<int> tmp(new int(i));
    // std::shared_ptr<int> tmp= std::make_shared<int>(i);
}
auto dur=std::chrono::system_clock::now() - st();
std::cout << dur.count();
```



Pointer Type	Time	Available Since
new	2.93 s	C++98
std::unique_ptr	2.96 s	C++11
std::make_unique	2.84 s	C++14
std::shared_ptr	6.00 s	C++11
std::make_shared	3.40 s	C++11