Algorithms

This lesson gives an overview of all 69 algorithms introduced in C++17.

Here are the 69 algorithms with parallelised versions.

std::adjacent_difference	std::adjacent_find	std::all_of	std::any_of
std::copy	std::copy_if	std::copy_n	std::count
std::count_if	std::equal	std::fill	std::fill_n
std::find	std::find_end	std::find_first_of	std::find_if
std::find_if_not	std::generate	std::generate_n	std::includes
std::inner_product	std::inplace_merge	std::is_heap	std::is_heap_until
std::is_partitioned	std::is_sorted	std::is_sorted_until	std::lexicographical_compare
std::max_element	std::merge	std::min_element	std::minmax_element
std::mismatch	std::move	std::none_of	std::nth_element
std::partial_sort	std::partial_sort	std::partition	std::partition_c

std::partial_sort	_copy	std::partition	opy
std::remove	std::remove_copy	std::remove_copy_if	std::remove_if
std::replace	std::replace_copy	std::replace_copy_if	std::replace_if
std::reverse	std::reverse_copy	std::rotate	std::rotate_copy
std::search	std::search_n	std::set_difference	std::set_intersection
std::set_symmetric_difference	std::set_union	std::sort	std::stable_partition
std::stable_sort	std::swap_ranges	std::transform	std::uninitialized_copy
std::uninitialized_copy_n	std::uninitialized_fill	std::uninitialized_fill_n	std::unique
std::unique_copy			

Also, we get 8 new algorithms that I have discussed in the next lesson.