# C++ Essentials: STL Algorithms

Klaus Iglberger
March 21st, 2024

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# 1. Introduction

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# Content

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# Introduction of the Trainer

C++ Trainer since 2016

Author of the blaze C++ math library

(Co-)Organizer of the Munich C++ user group

Regular presenter at C++ conferences

**Klaus Iglberger**

# Content of this Training

1. Introduction
2. STL Algorithms
3. Literature

# Schedule

**Thursday, March 21st, 2024 (EDT time zone)**

| | |
|---|---|
| *12:00 - 12:10* | *Introduction* |
| *12:10 - 1:00* | *Getting in Touch with the STL Algorithms* |
| *1:00 - 1:10* | *Break* |
| *1:10 - 2:00* | *Trying Out the STL Algorithms (I)* |
| *2:00 - 2:10* | *Break* |
| *2:10 - 3:00* | *Trying Out the STL Algorithms (II)* |
| *3:00 - 3:10* | *Break* |
| *3:10 - 4:00* | *Trying Out the STL Algorithms (III)* |

# Miscellaneous

I assume you have some experience with C++. If something remains unclear or somewhat vague, **please ask**!

# Miscellaneous

Also remember: **You are in control!**

# Guidelines

**(Core) Guideline: …**

The green boxes represent …

- … the most important take-aways;
- … common idioms and best practice;
- … markers in the slides.

# Programming Tasks

**Task (Subchapter/Name): …**

The yellow boxes represent …

- … hands-on programming tasks;
- … links to the provided source code examples.

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