

# C++ Focus on STL

## Containers, Iterators, and Algorithms

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# Agenda

Topics (including Optional Parts<sup>\*</sup>) – Covering two Days, Morning and Afternoon

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## FIRST DAY

- Fundamental Architecture
  - STL Containers
  - Estimating Performance and Footprint
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## SECOND DAY

- Iterators and Algorithms
  - Extending the STL
  - Odds and Ends
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Optional Parts (third topic each day) may be integrated with practical exercises on the first day, while on the second day will mainly discuss (more) small demo programs and that way partially replace (individual) practical exercises.

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You are welcome to point out errors or propose general improvements.

# Online References

C++ has become a huge topic so it will frequently be necessary to lookup details in an online reference.

As general C++ reference the following can be recommended:

- <http://en.cppreference.com/w/> – totally free, seems to be run by enthusiasts and now includes even [live examples](#)
- <http://www.cplusplus.com/> – obviously financed by moderate pop-ups, nevertheless well organized and up-to-date

# Presentation

This presentation uses a free HTML5-based slide-show tool named [remark](#).

## Viewing

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- [JavaScript](#) must be enabled.
- [Modern CSS](#) should be supported.\*
- Cookies are **not** used.

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\*: Given an appropriate level of [CSS knowledge](#) you may be able to tweak the appearance.

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- Notes contained in the presentation **will currently not be printed.**\*

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\*: That option may become available in a future version.

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- **You may try it out right now - back to normal is also with p.**



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<sup>\*</sup>: With minor extensions, if you happen to know markdown already.