

# C++11 BLWS (Appendix)

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1. Major Topics Not Covered
  2. Installing Boost
  3. Online Compile Services
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The above topics will only be covered shortly if there is special request.

# Major Topics Not Covered

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1. C compatibility
2. l18n and L18n
3. Complex Numbers
4. Global Numeric Functions
5. Valarray
6. Allocators

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This section is provided to be filled with optional print-outs  
from the Boost Documentation.

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# C compatibility

# I18n and L18n

# Complex Numbers

# Global Numeric Functions

# Valarray

# Allocators



# Installing Boost

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1. [How to get Boost](#)
2. [Extracting Subsets](#)
3. [Configuring Boost](#)

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This section is provided to be filled with optional print-outs from the Boost Documentation.

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# How to get Boost

# Extracting Subsets

# Configuring Boost

# Online Compile Services

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1. Coliru (Compile - Link - Run)
  2. run code
  3. [compileonline</>com](https://compileonline.com)
  4. LWS (Live Work Space ...)
  5. [codepad](https://codepad.org)
  6. [ideone](https://ideone.com)
  7. [Webcompiler visual c++](https://www.webcompiler.net)
  8. [Interactive Compile C++](https://www.interactive-cplusplus.com)
  9. [Cloud9 IDE](https://cloud9.io)
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Coliru - <http://coliru.stacked-crooked.com/>

## **Compilers / Libraries**

- GCC: 4.9.0
- Boost: yes (headers: OK, shared-libs: must be added at command line)

## **User Interface**

- Text area with syntax highlighting
- Command line to specify compile command
- No option to supply standard input

## **Persistence / Collaboration**

- Sharing by Link Distribution

## **Special Features**

run code - <http://rextester.com/runcode>

## **Compilers / Libraries**

- GCC: yes
- Clang: yes
- Microsoft: yes
- Boost: yes

## **User Interface**

- TBD

## **Persistence / Collaboration**

- TBD

## **Special Features**

compileonline.com - <http://compileonline.com/>

## **Compilers / Libraries**

- GCC: ?
- Clang: ?
- Microsoft ?
- Boost: ?

## **User Interface**

- TBD

## **Persistence / Collaboration**

- TBD

## **Special Features**



LWS - <http://liveworkspace.org/>

## **Compilers / Libraries**

- GCC: ?
- Clang: ?
- Microsoft: ?
- Boost: ?

## **User Interface**

- TBD

## **Persistence / Collaboration**

- TBD

## **Special Features**

codepad - <http://codepad.org/>

## **Compilers / Libraries**

- GCC: ?
- Clang: ?
- Microsoft: ?
- Boost: ?

## **User Interface**

- TBD

## **Persistence / Collaboration**

- TBD

## **Special Features**

ideone - <http://ideone.com/>

## **Compilers / Libraries**

- GCC: ?
- Clang: ?
- Microsoft: ?
- Boost: ?

## **User Interface**

- TBD

## **Persistence / Collaboration**

- TBD

## **Special Features**

visual C++ - <http://webcompiler.cloudapp.net/>

## Compilers / Libraries

- Microsoft: yes
- Boost: ?

## User Interface

- TBD

## Persistence / Collaboration

- TBD

## Special Features

Automatically forwarded from prior *Visual C++ @ rise4fun from Microsoft*.

c>\_mpilr - <https://compilr.com/c-compiler>

## **Compilers / Libraries**

- GCC: ?
- Clang: ?
- Microsoft: ?
- Boost: ?

## **User Interface**

- TBD

## **Persistence / Collaboration**

- TBD

## **Special Features**

# Compiler Explorer - <http://gcc.godbolt.org/>

## Compilers / Libraries

- Rich set of compilers/versions - GCC based, Clang based, ICC, ...
- Targeting different hardware architectures - Intel, ARM, ...
- Command line options can be specified freely ...

## User Interface

- One window shows source, the other one assembler output.
- Correspondence between C++ and assembler source may optionally be elucidated through colorizing.

## Persistence / Collaboration

- Local Browser Store

## Special Features

Does **not** compile to run an executable but to show assembler code!

Cloud9 IDE - <https://c9.io/>

## **Compilers / Libraries**

- TBD

## **User Interface**

- TBD

## **Persistence / Collaboration**

- TBD

## **Special Features**

Not just an online compiler but a complete cloud-based IDE.