



# Welcome!

Practical C++ with ASIO and Variant  
2018-May-28

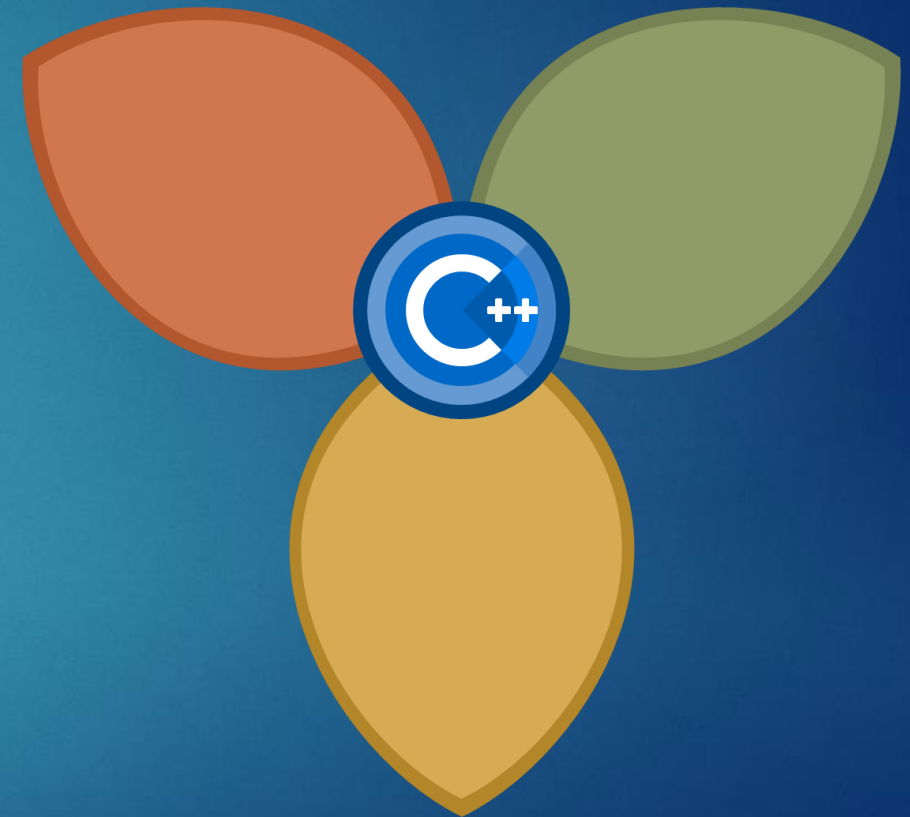
VII

This block contains three logos stacked vertically. At the top is the 'ET Brains' logo, which consists of a stylized 'E' and 'B' in red and yellow. Below it is the 'J.P. Morgan' logo in a serif font. At the bottom is the 'Shell Tech' logo, featuring the Shell logo and the text 'Shell Tech' with 'Finance &amp; Management' in smaller text below it.



# Core C++ Goals

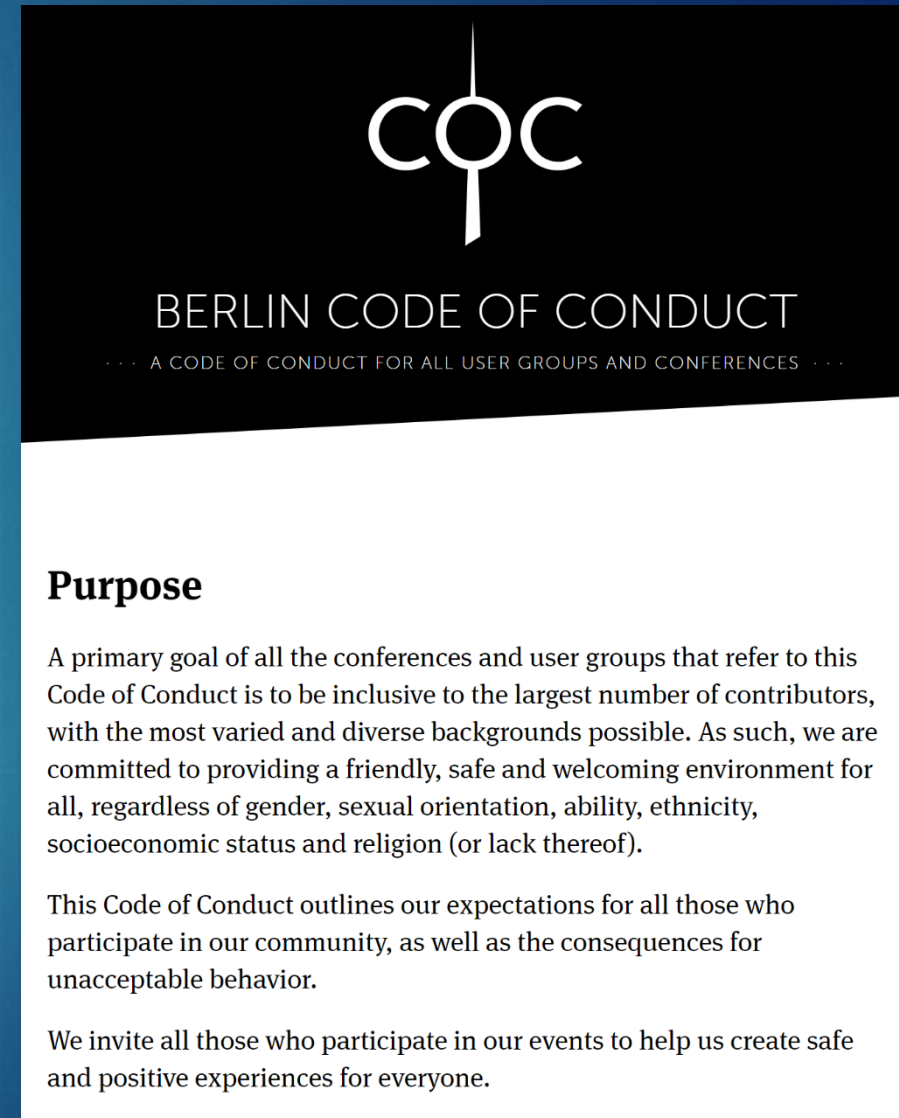
- ▶ Diverse community
  - ▶ *Meet Your Neighbor*
    - ▶ *Who, Where, if(!dev)What?*
  - ▶ Census
- ▶ Broad range of topics
- ▶ Monthly meetings
  - ▶ Carpool





# Core C++ News

- ▶ Code of Conduct
  - ▶ [berlincodeofconduct.org](http://berlincodeofconduct.org)
- ▶ Subs  104,  333,  372
- ▶ Next Meetups:
  - ▶ June. 28<sup>th</sup> MZ Lightning Storm...
  - ▶ July 17<sup>th</sup> Mod. Cool the Heat
- ▶ We need **Sponsors!**



**COC**

BERLIN CODE OF CONDUCT

... A CODE OF CONDUCT FOR ALL USER GROUPS AND CONFERENCES ...

### Purpose

A primary goal of all the conferences and user groups that refer to this Code of Conduct is to be inclusive to the largest number of contributors, with the most varied and diverse backgrounds possible. As such, we are committed to providing a friendly, safe and welcoming environment for all, regardless of gender, sexual orientation, ability, ethnicity, socioeconomic status and religion (or lack thereof).

This Code of Conduct outlines our expectations for all those who participate in our community, as well as the consequences for unacceptable behavior.

We invite all those who participate in our events to help us create safe and positive experiences for everyone.

# Lightning Storm

- ▶ June 2018 – Lightning Talk Session
- ▶ 5 min. Talks
- ▶ Know your future...

# Presence

Tell your friends!  
Tweet, post and  
blog about us!

- ▶ Meetup: [meetup.com/CoreCpp](https://www.meetup.com/CoreCpp)
- ▶ YouTube: [CoreCpplL goo.gl/FYnqKu](https://www.youtube.com/channel/UCg00glFYnqKu)
- ▶ Presentations: [github.com/CoreCppIL/Meetups](https://github.com/CoreCppIL/Meetups)
- ▶ Twitter: [@corecpp](https://twitter.com/corecpp) [twitter.com/corecpp](https://twitter.com/corecpp)
- ▶ C++ Slack: [#ug\\_il\\_corecpp](https://www.slack.com/join/shared_invite/zt-1000000000-ug_il_corecpp)
- ▶ Facebook: <https://www.facebook.com/corecpp/>
- ▶ Israel::C++: [facebook.com/IsraelCpp](https://www.facebook.com/IsraelCpp)



# C++ Conferences

- ▶ Call for Submissions:
  - ▶ Meeting C++, by *June 10*
  - ▶ Pacific++ by *June. 24*
  - ▶ C++ on Sea\*, *soon*
- ▶ Upcoming
  - ▶ NDC {Oslo} :: Oslo
  - ▶ CppCon\* :: Bellevue, Washington, USA



Sydney, Australia



Folkestone, Kent, UK



Oslo, Norway



Bellevue, Washington, USA

\* Pays for travel and accommodations for unsponsored speakers!

June 04<sup>TH</sup>-09<sup>TH</sup> 2018, HSR Rapperswil, Switzerland  
**SPRING 2018 JTC1/SC22/WG21**  
**C++ STANDARDIZATION COMMITTEE MEETING**

# C++ ISO News

- ▶ Rapperswil, Switzerland
  - ▶ Next week
  - ▶ Pre-meeting mailing:
    - ▶ Great Read
    - ▶ Zero-Overhead Deterministic Exceptions: Throwing Values [P0709R0], Herb Sutter
    - ▶ [www.open-std.org/jtc1/sc22/wg21/docs/papers/2018/#mailing2018-05](http://www.open-std.org/jtc1/sc22/wg21/docs/papers/2018/#mailing2018-05)





# Fresh C++ Links

## ▶ #include <C++>

- ▶ *“A global, inclusive, and diverse community for developers interested in C++. Here, you can find a welcoming space to learn and discuss C++. We also provide resources to create safer, more inclusive, community gatherings.”*

- ▶ Link: [www.includecpp.org/](http://www.includecpp.org/)

## ▶ Stupid C++ namespace tricks

- ▶ Article: <https://goo.gl/w8Kzfx>

## ▶ Rvalues Redefined

- ▶ Andrzej's C++ blog: <https://goo.gl/9gDs8x>

## ▶ ACCU Videos are online

- ▶ Link: <https://www.youtube.com/channel/UCJhay24LTp01s4bIZxuIqKw>





# Our Sponsors

J.P.Morgan



# Agenda

19:00 :: Updates and News

19:20 :: C4GC: Contributing, Shalom Craimer

19:30 :: Boost.Asio, Avishai Orpaz

20:05 :: *break*

20:10 :: `std::variant<>`, Dvir Yitzchaki

