

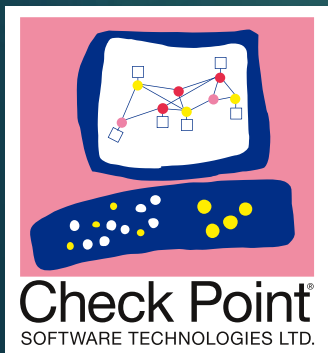


>Welcome!

Core C++ Octoberfest

2019-Oct-24 (024)

XXIV (24 != 024 == 20)



Core C++ Goals

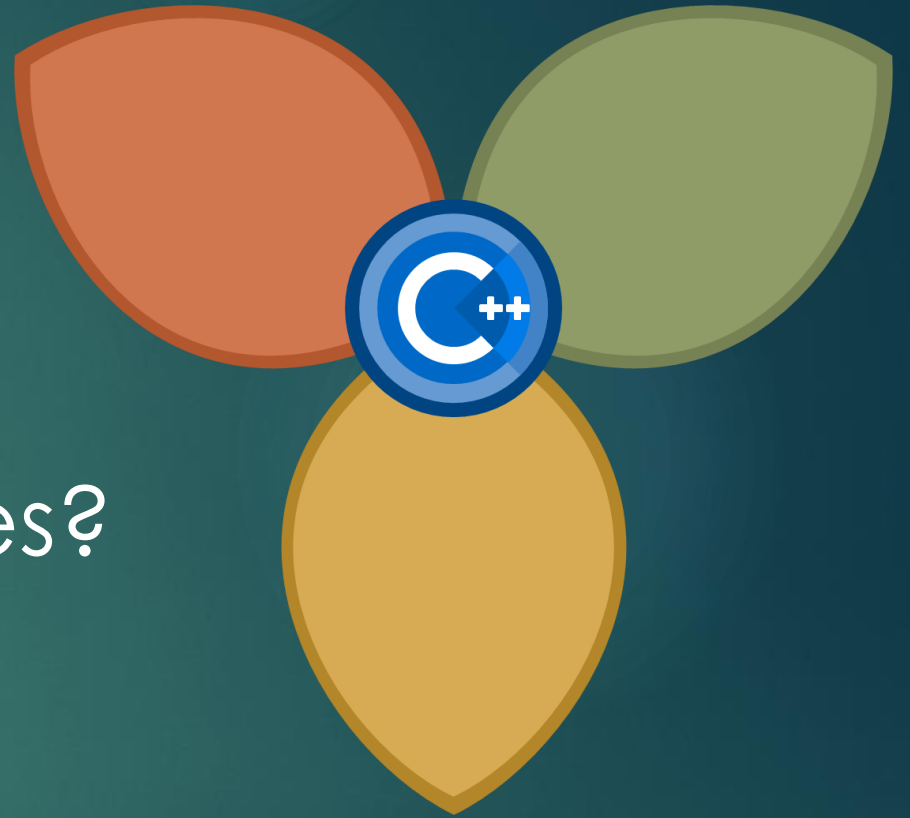
SINCE
NOVEMBER 2017

- ▶ Israeli C++ dev community
- ▶ JLM → ● ← TLV
- ▶ Diverse community
- ▶ Focus on C++
- ▶ Broad range of topics
- ▶ Monthly meetings
- ▶ Beginner *and* Expert Levels



Census

- ▶ Who's here for the first time?
- ▶ Who's looking to hire?
- ▶ Who's looking for opportunities?
- ▶ *Meet Your Neighbor*
 - ▶ *Who, Where, if(!dev)What?*





Extended Stretch Goals

- ▶ Make The Core C++ Conference Yearly
 - ▶ Core C++ 2020 – [WiP] TBA!
- ▶ Reach more communities
 - ▶ Highschool students, children
 - ▶ Southern district
- ▶ More members at C++ confs!
- ▶ Forming an Israeli C++ National Body





84



994



1794



1024



Presence

▶ Meetup: meetup.com/CoreCpp



▶ YouTube: [CoreCppIL goo.gl/FYnqKu](https://www.youtube.com/channel/UCg0o_g1_FYnqKu)



▶ Web: corecppil.github.io/Meetups



▶ Twitter: [@corecpp twitter.com/corecpp](https://twitter.com/corecpp)



▶ C++ Slack: [#ug_il_corecpp](https://cscs.cmc.ac.uk/slack/#ug_il_corecpp)



▶ Facebook: facebook.com/corecpp





C++ News

▶ CppCon 2019 Videos are now online!

1.00
Cppcon | 2019
The C++ Conference
cppcon.org

WHEN WE ALL SOLVE PUZZLES
THE WORLD WOULD BE A BETTER PLACE
SOLVING PUZZLES IS LIKE PROGRAMMING

Ran Regev

Programs Vs Puzzles

Video Sponsorship Provided By:
ansatz

0:59 / 5:10

1.00
Cppcon | 2019
The C++ Conference
cppcon.org

What if we would like to reverse the process?

Gal Zaban

Behind Enemy Lines
Reverse Engineering
C++ in Modern Ages

Video Sponsorship Provided By:
ansatz

0:51 / 36:46

1.00
Cppcon | 2019
The C++ Conference
cppcon.org

Dvir Yitzchaki

Range Algorithms,
Views and Actions
A Comprehensive Guide

I CAN'T GET NO
MOTIVATION

Video Sponsorship Provided By:
ansatz

1:38 / 57:22

1.00
Cppcon | 2019
The C++ Conference
cppcon.org

BACK TO BASICS:
VIRTUAL DISPATCH AND ITS ALTERNATIVES

INBAL LEVI

Inbal Levi

Back to Basics:
Virtual Dispatch
and its Alternatives

Video Sponsorship Provided By:
ansatz

0:28 / 40:12

1.00
Cppcon | 2019
The C++ Conference
cppcon.org

GENERATORS, COROUTINES
AND OTHER BRAIN
UNROLLING SWEETNESS

ADI SHAVIT
@adishavit :: videocortex.io

CppCon - 2019

Adi Shavit

Generators, Coroutines
and Other Brain
Unrolling Sweetness

Video Sponsorship Provided By:
ansatz

0:25 / 30:42

1.00
Cppcon | 2019
The C++ Conference
cppcon.org

How to Implement Your First Compiler Feature

The Story of Concepts in Clang

Saar Raz • 2019 • saar@raz.email

Saar Raz

How to Implement Your
First Compiler Feature:
The Story of Concepts
in Clang

Video Sponsorship Provided By:
ansatz

0:25 / 54:54



C++ Conf. News

▶ Upcoming Events:

-  ▶ C++Russia 2019 → Oct. 31-Nov. 1, St. Petersburg, Russia
- ▶ ACCU Autumn → Nov. 11-12, Belfast, Northern Ireland
- ▶ Meeting C++ → Nov 14-16, Berlin, Germany
-  ▶ code::dive 2019 → Nov 20-21, Wrocław, PL
-  ▶ CoreHard.by 2019 → Nov. 29-30, Minsk, Belarus

▶ Call for Speakers:

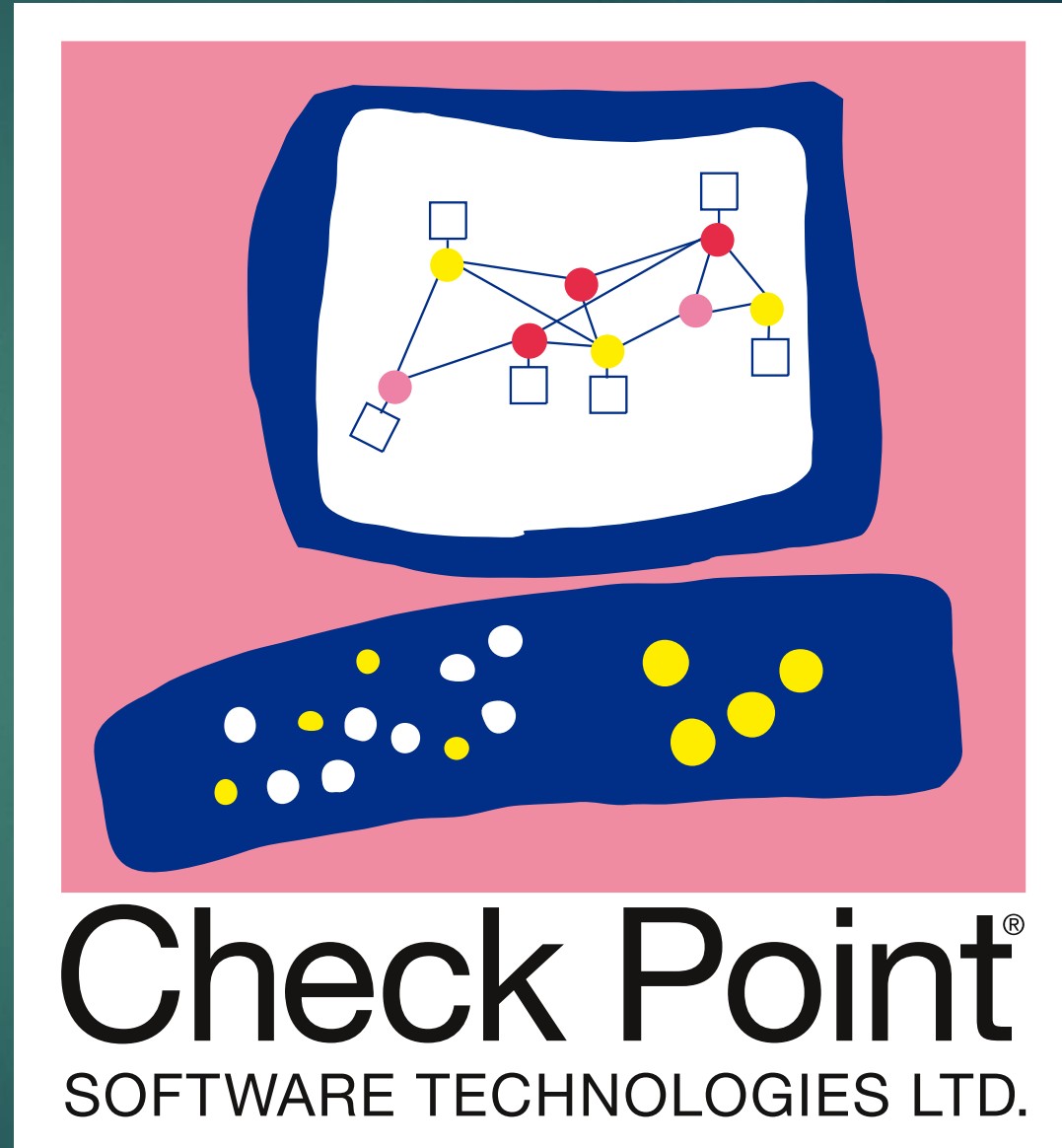
- ▶ ACCU Spring → Mar. 25-28, Bristol, UK (until tomorrow!)
- ▶ C++ on Sea → Jun. 7-10, 2020, UK (submit before 2019.11)

▶ More...

- ▶ CPPP 2020 → Jun. 22-23, 2020, Paris, France
- ▶ ...



Sponsors



Agenda

19:15 :: **ISO C++ Corner**, Michael P

~~19:25 :: Kode Kids Demo Korner~~

19:25 :: **Getting Special Members Right**, Baruch Burstein

20:15 :: break;

20:30 **Cache Consistency and the C++ Memory Model**

Yossi Moalem





ISO C++ Corner

feat. Michael Peeri

- ▶ Upcoming ISO committee meetings (WG21):
 - ▶ Belfast, Ireland – Nov. 4-9, 2019
 - ▶ Prague, Czech Rep. – Feb. 10-15, 2020
 - ▶ Varna, Bulgaria – Jun. 1-6, 2020
- ▶ Latest pre-meeting mailings (from this week):
 - ▶ isocpp.org/blog/2019/10/2019-10-pre-belfast-mailing-available-1-of-2
 - ▶ isocpp.org/blog/2019/10/2019-10-pre-belfast-mailing-available-2-of-2
- ▶ More information: isocpp.org

Israeli ISO C++ Corner

- ▶ Find us on Cpplang Slack `#israel_national_body`
- ▶ Next local meeting: Sunday, Nov. 3rd 2019

