

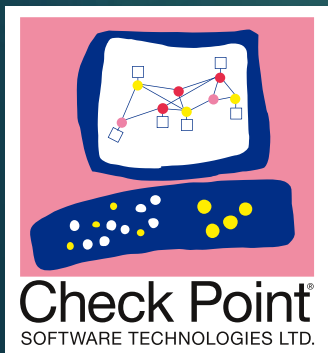


>Welcome!

Chill C++

2019-Jul-30

```
++counter;
```



Core C++ Goals

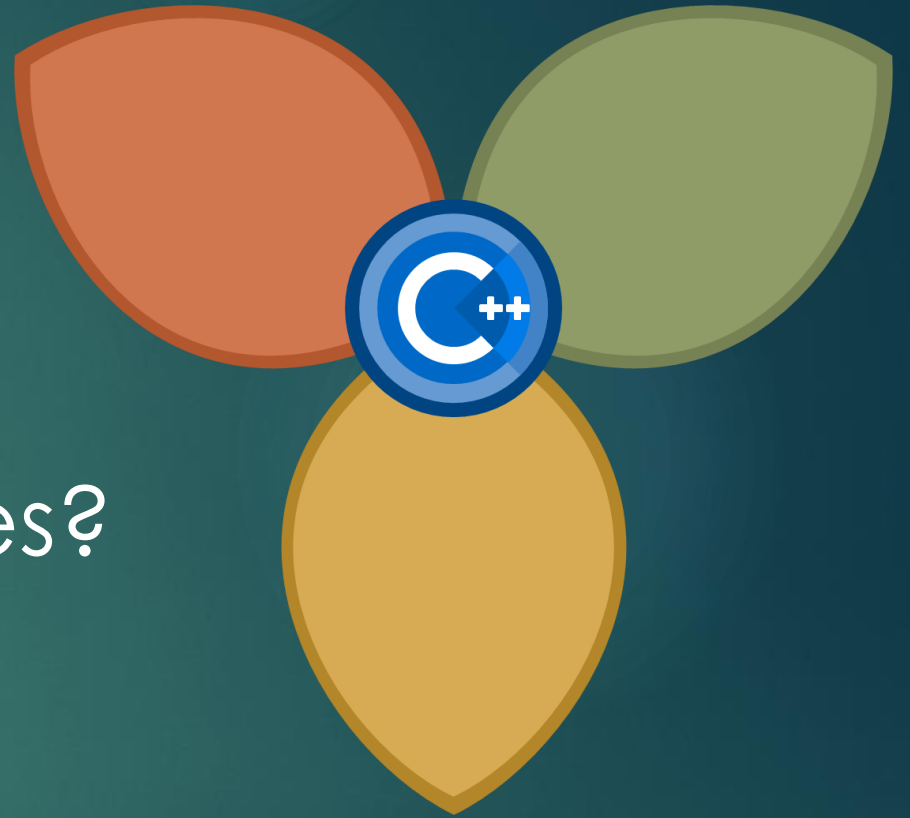
SINCE
NOVEMBER 2017

- ▶ 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
- ▶ Forming an Israeli C++ National Body
- ▶ ...



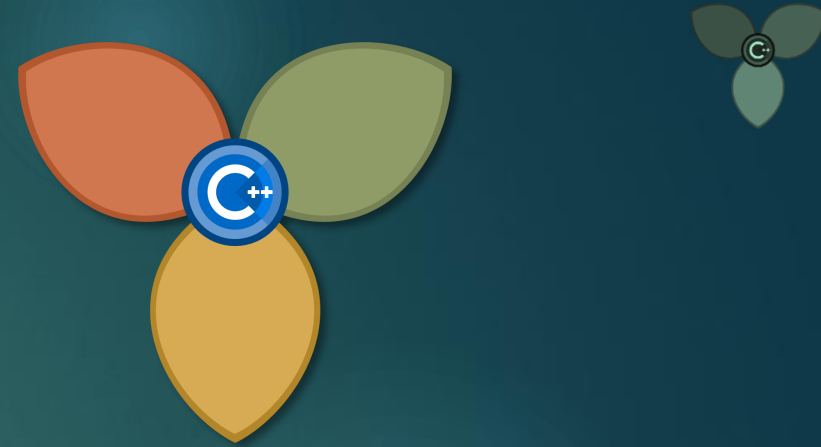


Next Gen Speakers

- ▶ Looking for young devs
 - ▶ Ages 8-18
 - ▶ Present project
 - ▶ Talk or demo
 - ▶ 5-10 min.
 - ▶ Not only C++



Core C++ News



▶ Core C++ 2019 Videos

▶ is.gd/0nQKs3

▶ Next Meetup:

▶ Aug. 29, 2019

▶ Palo Alto Networks, TLV

▶ Schedule TBD

The screenshot shows a YouTube playlist titled "Core C++ 2019" by the channel "CoreCppIL". The playlist contains 49 videos with a total of 1,153 views, updated 6 days ago. The main video thumbnail shows "THE ACADEMIC of TEL AVIV-YAFFO 25 YEARS" and "Core C++ 2019" with a "PLAY ALL" button. The playlist list includes the following items:

- 1 Core C++ 2019 Conference Recap (CoreCppIL, 2:04)
- 2 Core C++ 2019 :: Jason Turner :: The Best Parts of C++ (CoreCppIL, 1:07:04)
- 3 Core C++ 2019 :: Bryce Adelstein :: The C++ Execution Model (CoreCppIL, 1:00:01)
- 4 Core C++ 2019 :: Asaf Helfer :: C++ Programming for the Heap-Deprived (CoreCppIL, 56:12)
- 5 Core C++ 2019 :: Saar Raz :: ∞ C+++++... (CoreCppIL, 15:03)
- 6 Core C++ 2019 :: Yehezkel Bernat :: Coroutines - the future of future (and more) (CoreCppIL, 57:27)

ISO C++ News

- ▶ The C++20 Eagle has Landed!
 - ▶ Contracts Moved From C++20 to a Study Group!
 - ▶ `std::format("For C++{}", 20)`
 - ▶ Made allocation, `std::vector`, `std::string` **constexpr**.
 - ▶ Apply `<=>` in `std`.
 - ▶ C++20 Synchronization Library
 - ▶ Many many many more...

C++20

concepts, ranges,
coroutines, modules,
constexpr++ + in the library,
constexpr functions,
calendars + time zones,
spaceship + in the library,
`std::format`, `span`, & *much more...*

One small step for WG21... **one giant leap** for C++ worldwide

Reddit: redd.it/cfk9de
Herb Sutter: is.gd/oGCcL4

C++ Conf. News

cppcon 
the c++ conference
SEPTEMBER 15-20 2019
Aurora, Colorado, USA

▶ CppCon 2019

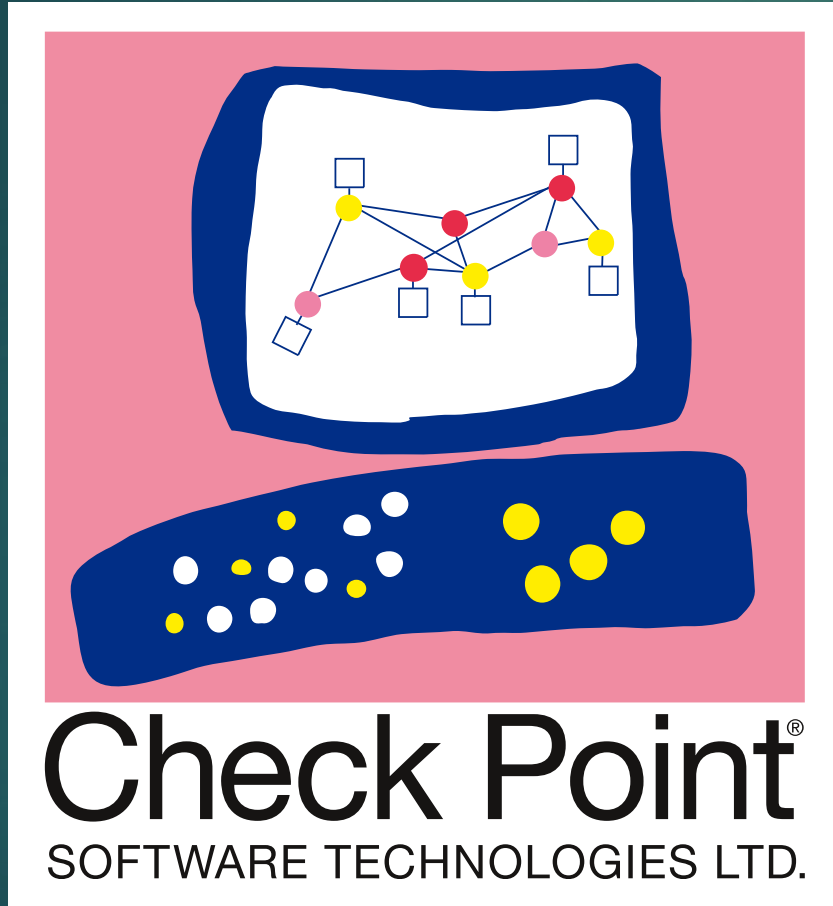
- ▶ At least 4 accepted speakers from Core C++!



▶ Upcoming Events

- ▶ NDC { TechTown } 2019 → Sep. 3-5, Kongsberg, Norway 
- ▶ C++Russia 2019 → Oct. 31-Nov. 1, St. Petersburg, Russia 
- ▶ Fall ISO C++ meeting → Nov. 4-9, Belfast, Northern Ireland
- ▶ ACCU Autumn Conf → Nov. 11-12, Belfast, Northern Ireland
- ▶ Meeting C++ → Nov 14-16, Berlin, Germany
- ▶ code::dive 2019 → Nov 20-21, Wrocław, PL 

Sponsors



Agenda

19:00 :: **News & Updates**, Adi Shavit

19:15 :: **Writing ISO C++ Committee Papers**, Yehezkel Bernat

19:40 :: **The Affine Combination Math Challenge**, Amir Kirsh

20:20 :: break;

20:30 :: **Smart Dispatch or Winning The Race With Your Compiler**

Inbal Levi

