

# **Surveying the community – what could possibly go wrong**

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C++Now 2021

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# The State of Developer Ecosystem

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- Started in 2017
- 2020 and previous links: <https://www.jetbrains.com/lp/devecosystem-2020/>

**JET  
BRAINS**

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2017

2018

2019

🌐 English

Key Takeaways

Methodology

C

JavaScript

Ruby

Databases

Lifestyle and Fun

Raw Data ↗

C#

Kotlin

Rust

DevOps

Demographics

C++

PHP

Scala

Microservices

Go

Python

Swift and

Team tools

Java

R

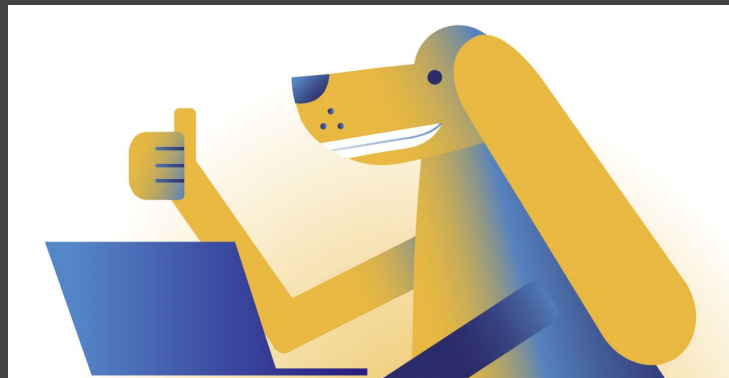
Objective-C

Testing

# Biases

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1. JetBrains brand bias
2. EN-speaking bias, targeting bias
3. Sampling bias

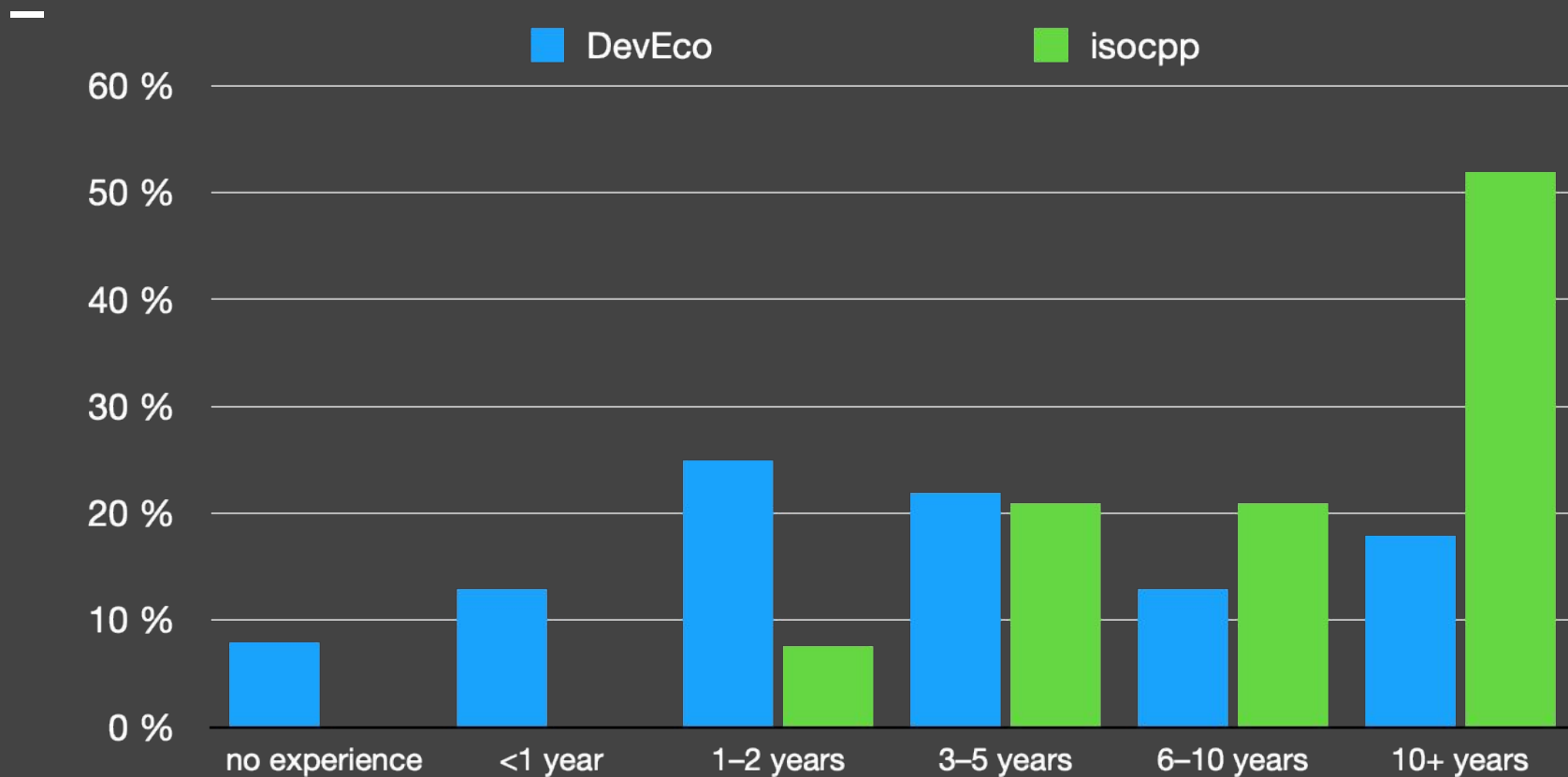


# Validating data

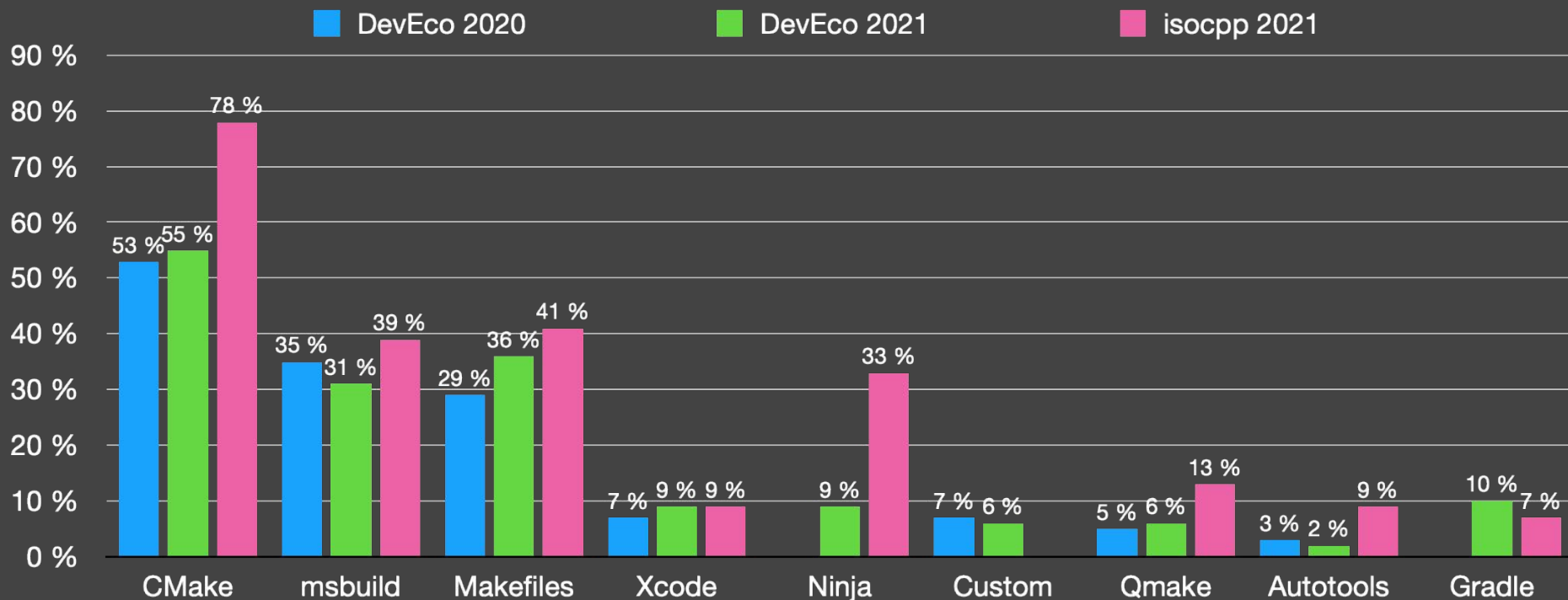
- C++ Foundation Lite survey raw data
- Common questions to use as validation points
- In 2021 for C++: DevEco (2200+), isocpp (1800+)



# Compare audience



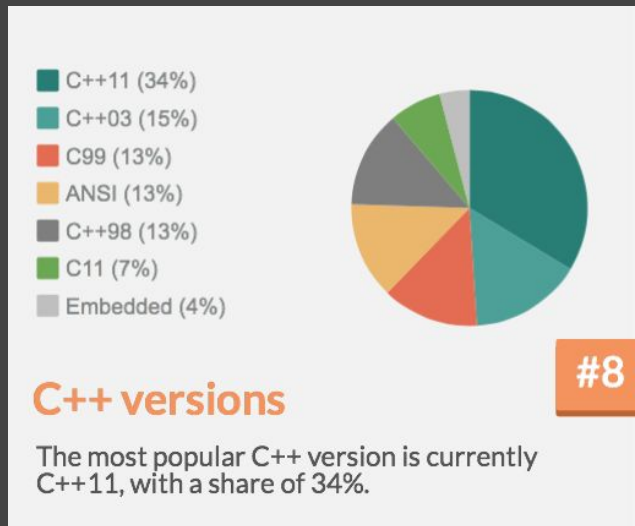
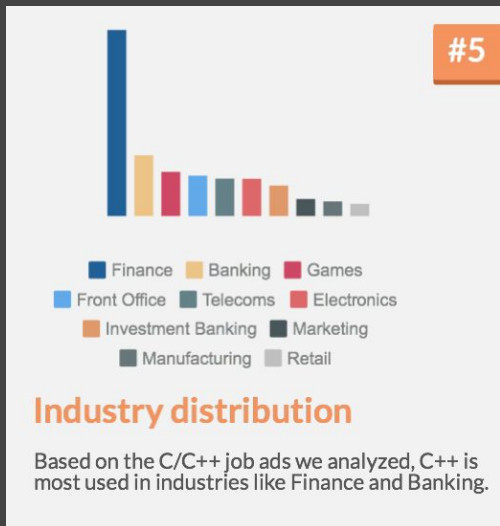
# “Check all that apply”



# How it all started for C++

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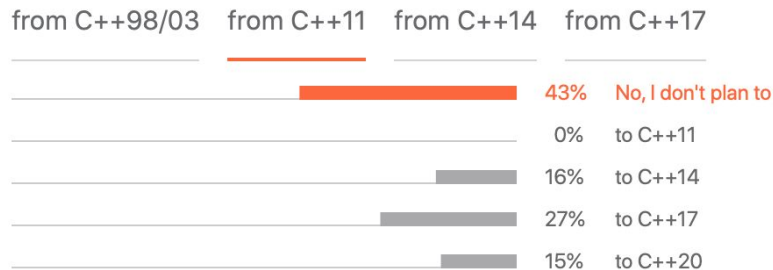
- C/C++ Facts We Learned Before Going Ahead with CLion
- <https://blog.jetbrains.com/clion/2015/07/infographics-cpp-facts-before-clion/>



# We keep learning

- 1. Unit testing frameworks – None?
- 2. Code analysis – Cl?
- 3. Guidelines – ClangFormat?
- 4. Moving to a newer standard – paths?

**Do you plan to move to another C++ standard in the next 12 months? If so, to which one?**





# The State of Developer Ecosystem: stay tuned!

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2021 results are coming soon...