MODERN C++

INTRO

LET'S GET TO KNOW EACH OTHER

1. Your name and programming experience
2. Why do you code in C++?
3. What you don't like in C++?
4. Your hobbies

ŁUKASZ ZIOBROŃ

NOT ONLY A PROGRAMMING XP

- C++ and Python developer @ Nokia & Credit Suisse
- Team leader & Trainer @ Nokia
- Scrum Master @ Nokia & Credit Suisse
- Code Reviewer @ Nokia
- Webdeveloper (HTML, PHP, CSS) @ StarCraft Area

TRAINING EXPERIENCE

- C++ trainings @ Coders School
- Practial Aspects Of Software Engineering @ PWr & UWr
- Nokia Academy @ Nokia
- Internal corporate trainings

PUBLIC SPEAKING EXPERIENCE

- code::dive conference
- code::dive community
- Academic Championships in Team Programming

HOBBIES

- StarCraft Brood War & StarCraft II
- Motorcycles
- Photography
- Archery
- Andragogy

AGENDA

1. Introduction and ice-breaker ~20"
2. C++ language history and standards ~5"
3. `static_assert` ~10"
4. `using` alias ~10"
5. Scoped `enum` ~20"
6. Automatic type deduction ~30"
7. ☕ Coffee break ~15"
8. Move semantics ~2h
9. 🍽️ Lunch break ~1h
10. `default`, `delete`, `final`, `override` ~30"
11. `constexpr` ~30"
12. Uniform initialization ~30"
13. ☕ Coffee break ~15"
14. C++ idioms - SFINAE, PIMPL ~35"
15. Recap, post-work, feedback ~30"

CONTRACT

- ☎️ Mute your phones
- 🎰 Vegas rule
- 🗣️ Discussion, not a lecture
- ☕ Additional breaks on demand
- ⌚ Be on time

PRE-TEST