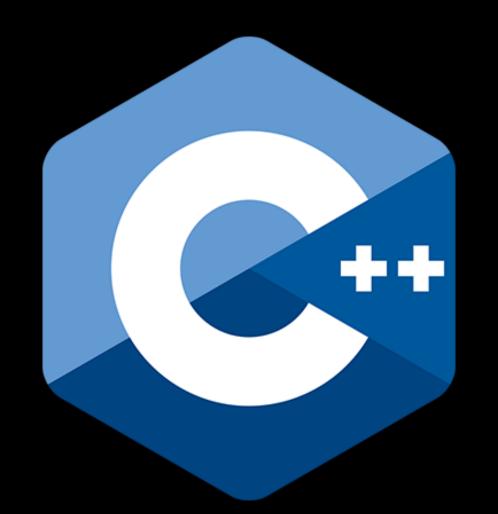
سلسلة تعلم البرمجة بلغة ++C الحديثة

Learn Modern C++ Programming Course

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#1: Introduction to C++

Mho Am ?

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C++ History

- C++ is a compiled general-purpose programming language developed by **Bjarne Stroustrup** in 1979 as an extension of the C programming language, or "C with Classes". In 1984 "C with classes" was renamed to C++.
- C++ programming language was initially standardized in 1998, which was then amended by the C++03, C++11 standards. Since 2012, C++ has been on a three-year release schedule.



Source: https://en.wikipedia.org/wiki/C%2B%2B

Why C++?

- High performance with high abstraction level.
- Modern C++ now has object-oriented, generic, and functional features in addition to facilities for low-level memory manipulation.
- Used in wide range applications, e.g, cloud computing, AI, games, robots, automobile, desktop and internet applications, embedded, etc.
- Widely used and supported through rich tools, compilers and guidelines for best practices.
- Powerful standard library, which makes it easy to start.

C++ Core Guidelines

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Editors:

- Bjarne Stroustrup
- Herb Sutter

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Thankyou