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C++

C++ is now considered to be the language used to develop commercial software products. It is considered a General-purpose programming language. With this language, you can program from microcontrollers to the largest supercomputers. Its main purpose-to simplify and make more enjoyable the programming process for the individual programmer.

The founder of the C++ language is Bjorn Stroustrup. The author was a master of mathematics and computer science.

To learn C++ is not necessary to know. This language owes much to the C language, which is stored as a subset of it. In turn, owes a lot to the predecessor of BCPL.

The early version of the language had the name "C with classes", which was used since 1980. The language appeared only because the author had to write modeling programs

The name C++ (C plus plus) was coined by Rick, Mascitti in the summer of 1983, the Symbol ++ refers to increase C. Just a shorter name With a+ is a syntax error

Since the publication of the first edition of this book, the C++ language has undergone significant changes and refinements.

The choice of C as the base language for C++ is explained by the following advantages:

1. versatility, brevity and relatively low level;
2. the adequacy of most of the tasks of system programming;
3. it goes in any system and on any machine;
4. fully suitable for UNIX software environment.

It cannot be said that one language is better than another only because it has possibilities that are absent in the other.

The C++ description has been reworked to ensure that any valid construction in both languages meant the same thing. Its libraries were designed for portability. In C++ you can use C run-time library Available in the language implementation will work in most systems that support With

The C++ language was a powerful and rapid breakthrough in the development of programming. C++ still occupies a dominant position among programming languages in the world.