

C++

C++ (programming language)	
Full Name	C++
Short Name	C++
Description	C++ is a general-purpose programming language
Company	Bjarne Stroustrup
Web	No
Mobile	No
Enterprise	Yes
Embedded	Yes

Snippet from [Wikipedia: C++](#)

C++ () is a general-purpose programming language created by Bjarne Stroustrup as an extension of the C programming language, or "C with Classes". The language has expanded significantly over time, and modern C++ now has object-oriented, generic, and functional features in addition to facilities for low-level memory manipulation. It is almost always implemented as a compiled language, and many vendors provide C++ compilers, including the Free Software Foundation, LLVM, Microsoft, Intel, Oracle, and IBM, so it is available on many platforms.

C++ was designed with a bias toward system programming and embedded, resource-constrained software and large systems, with performance, efficiency, and flexibility of use as its design highlights. C++ has also been found useful in many other contexts, with key strengths being software infrastructure and resource-constrained applications, including desktop applications, video games, servers (e.g. e-commerce, Web search, or SQL servers), and performance-critical applications (e.g. telephone switches or space probes).

C++ is standardized by the International Organization for Standardization (ISO), with the latest standard version ratified and published by ISO in December 2017 as *ISO/IEC 14882:2017* (informally known as C++17). The C++ programming language was initially standardized in 1998 as *ISO/IEC 14882:1998*, which was then amended by the C++03, C++11 and C++14 standards. The current C++17 standard supersedes these with new features and an enlarged standard library. Before the initial standardization in 1998, C++ was developed by Danish computer scientist Bjarne Stroustrup at Bell Labs since 1979 as an extension of the C language; he wanted an efficient and flexible language similar to C that also provided high-level features for program organization. C++20 is the next planned standard, keeping with the current trend of a new version every three years.

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Hello World

```
#include <iostream>

int main(){
    std::cout << "Hello, World!" << std::endl;
    return 0;
}
```

Source: [Wikibooks](#)

See also: [Programming Languages](#)

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