

# Why Use C++?

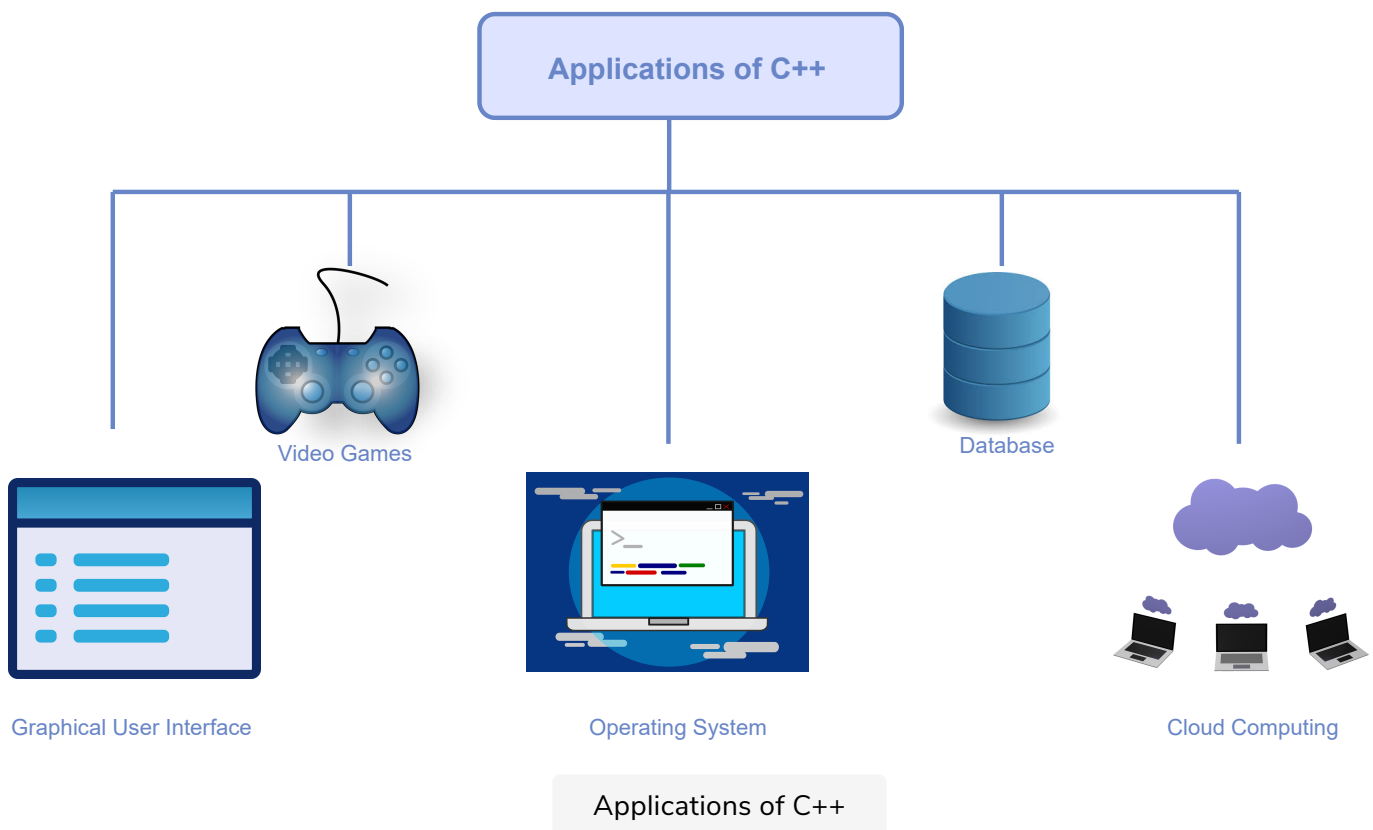
In this lesson, we will go over the prominence of C++ in the industry.

## We'll cover the following ^

- Applications of C++
- Who's using C++?

## Applications of C++ #

C++ is widely used in today's embedded systems, browsers, graphical user interfaces, music players, video games, operating systems, compilers, system drivers, databases, and cloud computing.



- C++ supports object-oriented programming. Therefore, it lowers the development cost by giving a clear structure to the program and allowing the reusability of code.
- Its syntax is close to C# and Java. Therefore, it is easy for the programmer to switch between these languages.

- It is efficient and close to machine programming.
- It is fun and simple to learn!

## Who's using C++? #

Many popular systems use C++ for implementing the critical part of their system. These are:

### Google

Google has written some of its parts in C++, which includes the Google Chromium-browser and Google file system.



### Bloomberg

Bloomberg quickly provides market financial information to investors around the world. The basic development environment for Bloomberg is written in C++.



### MySQL

MySQL is the most frequently used open-source relational database management system. It also is coded in C++.



### Microsoft

Microsoft is an American based technology company. Most of the parts of Microsoft Windows are written in C++. For decades, Microsoft Windows was the world's most used operating system.



## Adobe

Most of the Adobe applications are written in C++, which includes Adobe Illustrator, Adobe Photoshop, and Adobe Premier.



### Do you know?

Due to their power and ease of use, C and C++ were used in the programming of the special effects for Star Wars.

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Let's go over the basics of C++ in the upcoming chapter.