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Types of Inheritance in C++

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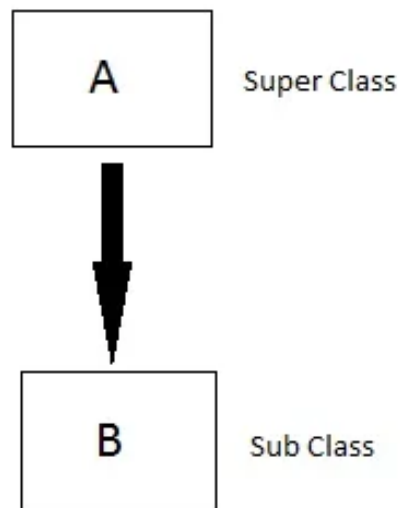
In C++, we have 5 different types of [Inheritance](#). Namely,

1. Single Inheritance
2. Multiple Inheritance
3. Hierarchical Inheritance
4. Multilevel Inheritance
5. Hybrid Inheritance (also known as Virtual Inheritance)

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Single Inheritance in C++

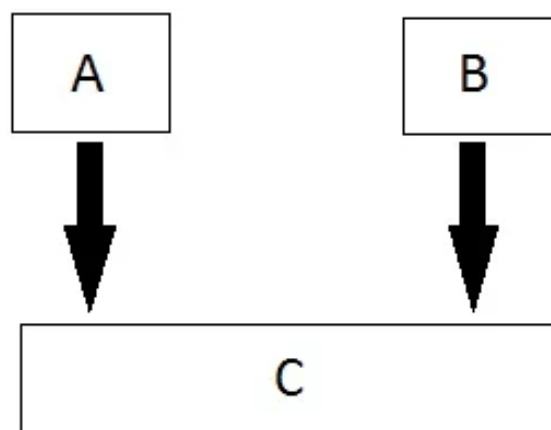
In this type of inheritance one derived class inherits from only one base class. It is the most simplest form of Inheritance.



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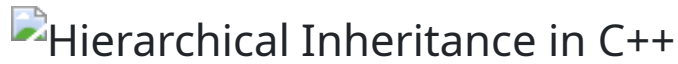
Multiple Inheritance in C++

In this type of inheritance a single derived class may inherit from two or more than two base classes.

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Hierarchical Inheritance in C++

In this type of inheritance, multiple derived classes inherits from a single base class.



Hierarchical Inheritance in C++

Multilevel Inheritance in C++

In this type of inheritance the derived class inherits from a class, which in turn inherits from some other class. The Super class for one, is sub class for the other.



Multilevel Inheritance in C++

Hybrid (Virtual) Inheritance in C++

Hybrid Inheritance is combination of Hierarchical and Multilevel Inheritance.

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Hybrid Inheritance in C++

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