

Inheritance in C++

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March 27, 2023

- Inheritance
 - The mechanism by which one class can acquire the properties of another class, and then extend that class
 - We will utilize the “is a” relationship to define inheritance
 - * For example, a car is a vehicle
- Hierarchy
 - Concepts at higher levels are more general
 - Concepts at lower levels are more specific (inherit properties of concepts at higher levels)
 - Derived classes are special cases of base classes
 - A derived class can also serve as a base class for new classes
 - There is no limit on the depth of inheritance allowed in C++ (as far as it is within the limits of the compiler)
 - Derived classes can inherit from more than one base class