

C++ Function Overriding

If derived class defines same function as defined in its base class, it is known as function overriding in C++. It is used to achieve runtime polymorphism. It enables you to provide specific implementation of the function which is already provided by its base class.

C++ Function Overriding Example

Let's see a simple example of Function overriding in C++. In this example, we are overriding the eat() function.

```
#include <iostream>
using namespace std;
class Animal {
    public:
    void eat(){
        cout<<"Eating...";
    }
};
class Dog: public Animal
{
    public:
    void eat()
    {
        cout<<"Eating bread...";
    }
};
int main(void) {
    Dog d = Dog();
    d.eat();
    return 0;
}
```

Output:

Eating bread...

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