

classmethod(*function*)

Return a class method for *function*.

A class method receives the class as implicit first argument, just like an instance method receives the instance. To declare a class method, use this idiom:

```
class C:
    @classmethod
    def f(cls, arg1, arg2, ...): ...
```

The `@classmethod` form is a function [decorator](#) – see the description of function definitions in [Function definitions](#) for details.

It can be called either on the class (such as `C.f()`) or on an instance (such as `C().f()`). The instance is ignored except for its class. If a class method is called for a derived class, the derived class object is passed as the implied first argument.

Class methods are different than C++ or Java static methods. If you want those, see `staticmethod()` in this section.

For more information on class methods, consult the documentation on the standard type hierarchy in [The standard type hierarchy](#).