__set__

Description

Called to set the attribute on an instance instance of the owner class to a new value, value.

Syntax

object. *__set__(self, instance, value)*

self
    Required. Instance of the class, passed automatically on call.

instance
    Required. Instance is the instance that the attribute was accessed through, or None when the attribute is accessed through the owner.

value
    Required. The value we want to assign to the attribute.

Remarks

The following method only apply to new-style classes.

The following methods only apply when an instance of the class containing the method (a so-called descriptor class) appears in an owner class (the descriptor must be in either the owner's class dictionary or in the class dictionary for one of its parents).

Example

```python
# this is our descriptor object
class Bar(object):
    def __init__(self):
        self.value = ''
    def __get__(self, instance, owner):
        print "returned from descriptor object"
        return self.value
    def __set__(self, instance, value):
        print "set in descriptor object"
        self.value = value
    def __delete__(self, instance):
        print "deleted in descriptor object"
        del self.value

class Foo(object):
    bar = Bar()

f = Foo()
f.bar = 10
print f.bar
del f.bar

set in descriptor object
returned from descriptor object
10
deleted in descriptor object
```