Descr: (override = \_\_set\_\_ ; non-overriding = no \_\_set\_\_)

class CoordValue:  
 def \_\_set\_name\_\_(self, owner, name):  
 self.\_\_name = name  
  
 def \_\_get\_\_(self, instance, owner):  
 return instance.\_\_dict\_\_[self.\_\_name]  
  
 def \_\_set\_\_(self, instance, value):  
 instance.\_\_dict\_\_[self.\_\_name] = value  
  
 def \_\_delete\_\_(self, instance):  
 del instance.\_\_dict\_\_[self.\_\_name]  
  
  
class Point:  
 coord\_x = CoordValue()  
 coord\_y = CoordValue()  
  
 def \_\_init\_\_(self, x, y):  
 self.coord\_x = x  
 self.coord\_y = y  
  
  
pt = Point(1, 2)  
pt.coord\_x = 5  
print(pt.coord\_x, pt.coord\_y)

Attr lookup:

getattr, getattribute, slots, dict, mro

Name mangling:

inst.\_ClassName\_\_attribute

Meta:

type, new, metaclass=…