



bool.mro()#=>[bool,int,object]

Attribute Resolution

All we need is an order to search for attributes.

Attribute lookup is (almost) breadth-first, left-to-right

Officially called "C3 Superclass Linearization" ([Wikipedia](#))

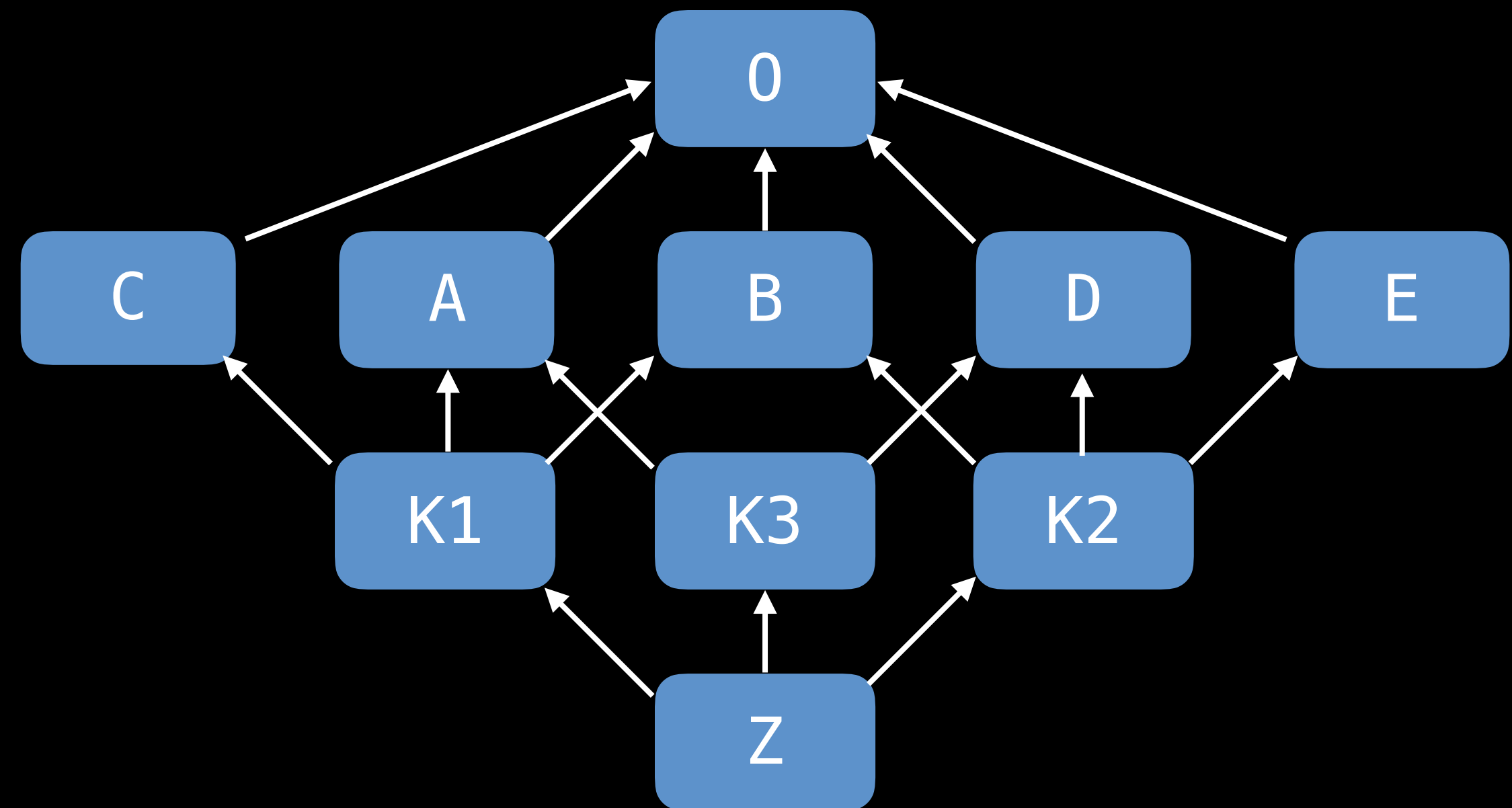
Class objects have a (hidden) function attribute `.mro()`

Shows linearization of base classes

```
bool.mro()  # => [bool, int, object]
```

Attribute Resolution In Action

```
class A: pass
class B: pass
class C: pass
class D: pass
class E: pass
class K1(A, B, C): pass
class K2(D, B, E): pass
class K3(D, A): pass
class Z(K1, K2, K3): pass
```



```
Z.mro() # [Z, K1, K2, K3, D, A, B, C, E, object]
```