@ Synthesize

Can specify the implementation of the set/get method. Generates a member variable with the same name as the target of set/get.

@Synchronize

Construct does just what a lock does: it prevents different threads from executing the same code at the same time.

@Dynamic

The function of dynamic is to tell the compiler that the set / get method corresponding to this property will be provided dynamically

Difference between iVars and external Vars

iVars: The private and protected attributes only influence the access of its subclass, and has nothing to do with the access ability of its instances.

NSString \*photographer;

For a public variables I need to use property (retain, nonatomic)

@property (nonatomic, strong) NSString \*photographer;

iVar is faster than property, as property will call the getter or setter functions.

Getter and Setter

Object.defineProperties() method, first parameter is the object on which you want to define the getter or setter. The second parameter is an object whose property names are the getter or setter names, and whose property values are objects for defining the getter or setter functions.

Method Swizzling

Is the process of changing the implementation of an existing selector at runtime. We can change the functionality of a method at runtime.