```
Component
     # parent
     # isCreated
     + Component()
     + ~Component()
     + onCreate()
     + onDestroy()
     + update()
     + draw()
     + Component()
     + ~Component()
     + onCreate()
     + onDestroy()
     + update()
     + draw()
          Actor

    components

+ Actor()
+ ~Actor()
+ onCreate()
+ onDestroy()
+ update()
+ draw()
+ AddComponent()
+ AddComponent()
+ GetComponent()
+ RemoveComponent()
+ RemoveAllComponents()
+ ListComponents()
     PickUps Actor
   + PickUps_Actor()
   + ~PickUps Actor()
   + InitalizeActor()
   + InitalizeActor()
   + onCreate()
   + onDestroy()
   + update()
   + input()
   + draw()
   + draw()
   + shoot_projectiles()
```