```
StateManager
+ StateManager()
+ ~StateManager()
+ addState()
+ changeState()
+ removeLastState()
+ input()
+ update()
+ draw()
          #stateManager
       State
  # renderer
  # screenWidth
  # screenHeight
  + State()
  + ~State()
  + input()
  + update()
  + draw()
       Game
    + Game()
    + ~Game()
    + input()
    + update()
    + draw()
```