Member Registry - Class Diagram

model

Registry

- memberList: ArrayList<Member>

+ setters()
+ getters()
+ *others*

Boat

- name: String
- type: String
- length: Int

+ setters()
+ getters()
+ *others*

Member

- name: String
- persNum: String
- ID: String
- numOfBoats: int
- boat: Boat
- boats: ArrayList<Boat>

+ setters()
+ getters()
+ *others*

controller

MemberController

- model: Member, Registry, Boat
- view: Console

+ registerMember()
+ updateMember()
+ removeMember()
+ getMemberInfo()

+ registerBoat()
+ updateBoat()
+ removeBoat()

+ displayCompact()
+ displayVerbose()
+ displaySpecific()

+ saveToRegistry()
+ loadFromRegistry()
+ getMembers()
- *others*

State changes from the view

view

Console

+ displayWelcome(): void

Get State

View Selection