Basic Sequence Diagram

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Actor

This:Controller

view:MainView

model:MemberRegister

read a member

retrieveMember()

Alternative

model.memberExist(id)

retrieve the member

Loop

for (Member m : allMembers.getAllMembers())

Alternative

if (memberUniqId == m.getId())

<<return true>>

[Else]

[Else]

<<return false>>

print member details

check member if exist

<<return null>>

this.view.printDetails(languageType,
model.retrieveMember(id).getBoats(),
model.retrieveMember(id))

Alternative

model.memberExist(id)

Loop

for (int i = 0; i < allMembers.getAllMembers().size(); i++)

Alternative

if (id == allMembers.getAllMembers().get(i).getId())

<<return Member>>

[Else]

[Else]

<<return null>>