Bar Diagram
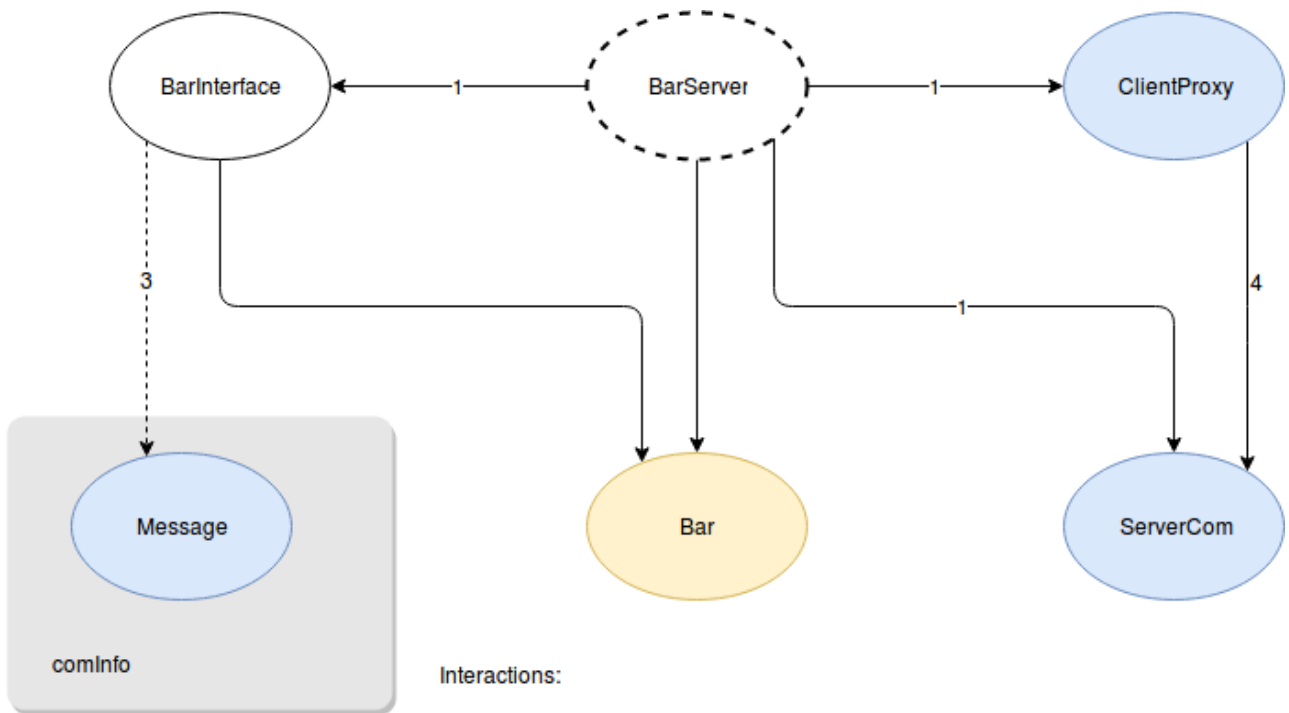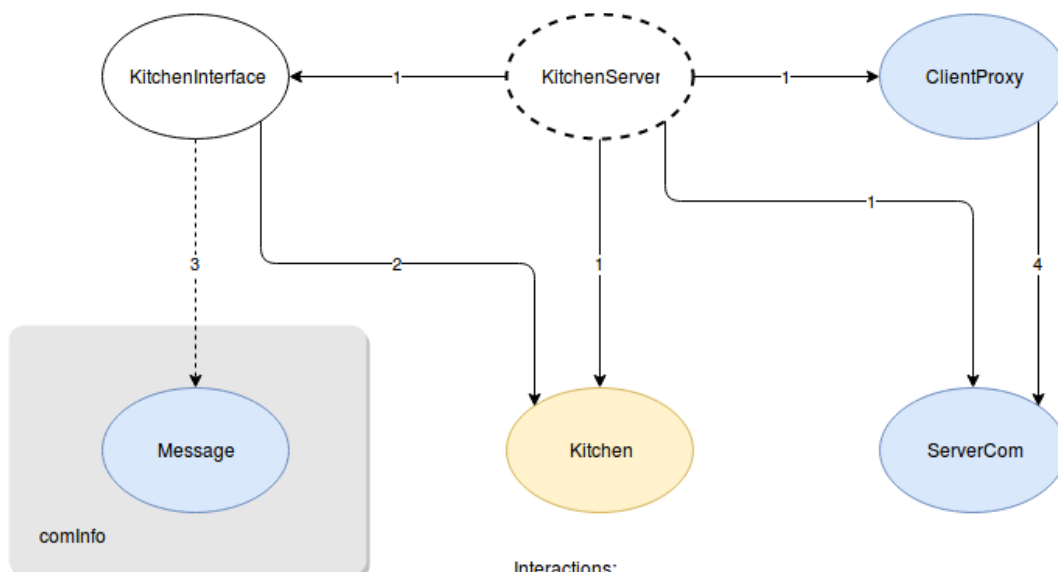

Interactions:

1 - BarServer instantiates the barInterface, ClientProxy, ServerCom and Bar;
2 - BarInterface instantiates Bar and uses Message;
3 - BarInterface uses in it's methods the class Message;
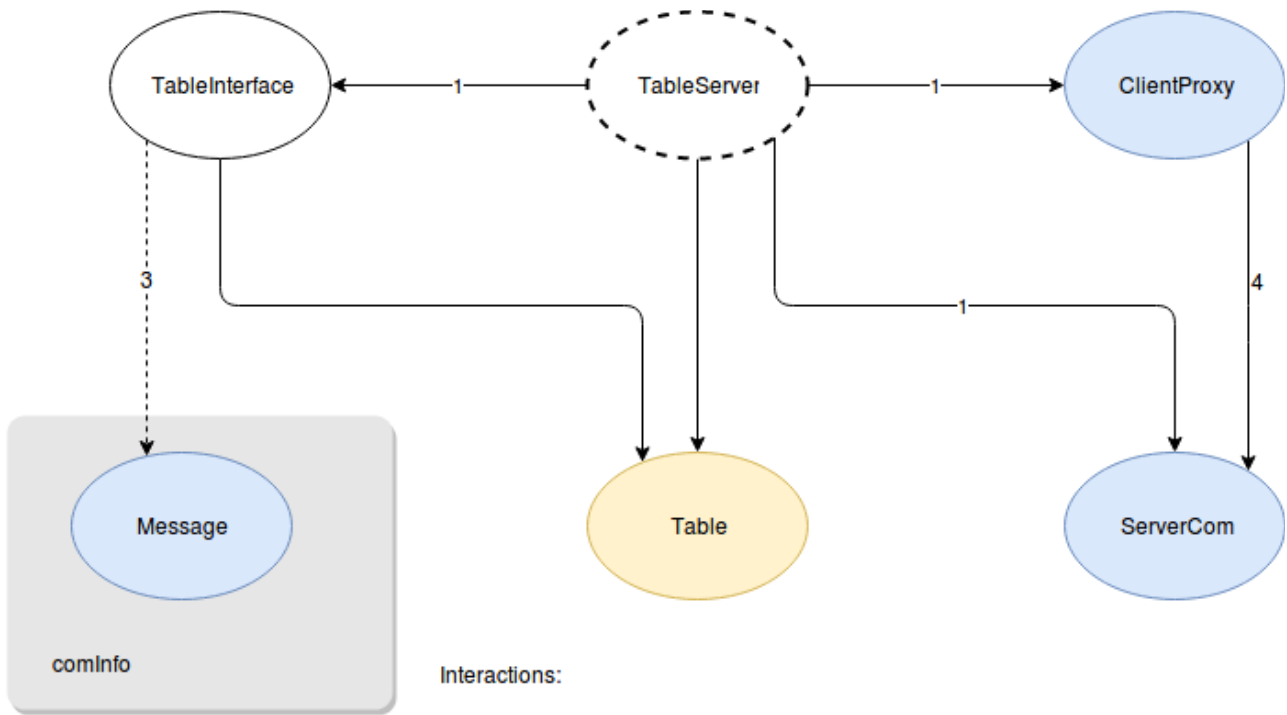4 - ClientProxy instantiates ServerCom.

Kitchen Diagram

Interactions:

1 - KitchenServer instantiates the KitchenInterface, ClientProxy, ServerCom and Kitchen;
2 - KitchenInterface instantiates Kitchen and uses Message;
3 - KitchenInterface uses in its method the Message class;
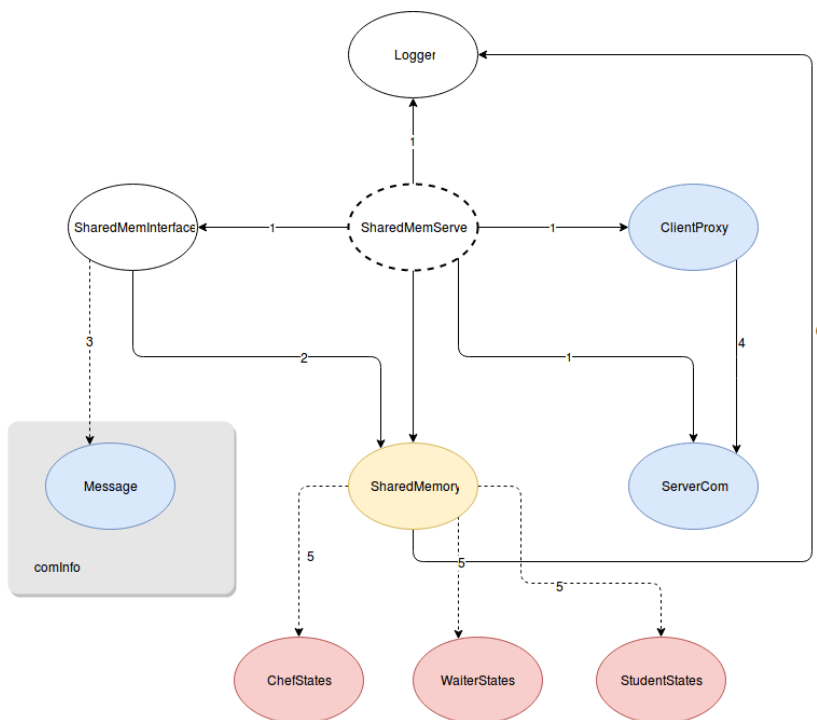4 - ClientProxy instantiates ServerCom;

Table Diagram

Interactions:

1 - BarServer instantiates the barInterface, ClientProxy, ServerCom and Bar;

2 - BarInterface instantiates Bar and uses Message;

3 - BarInterface uses in it's methods the class Message;
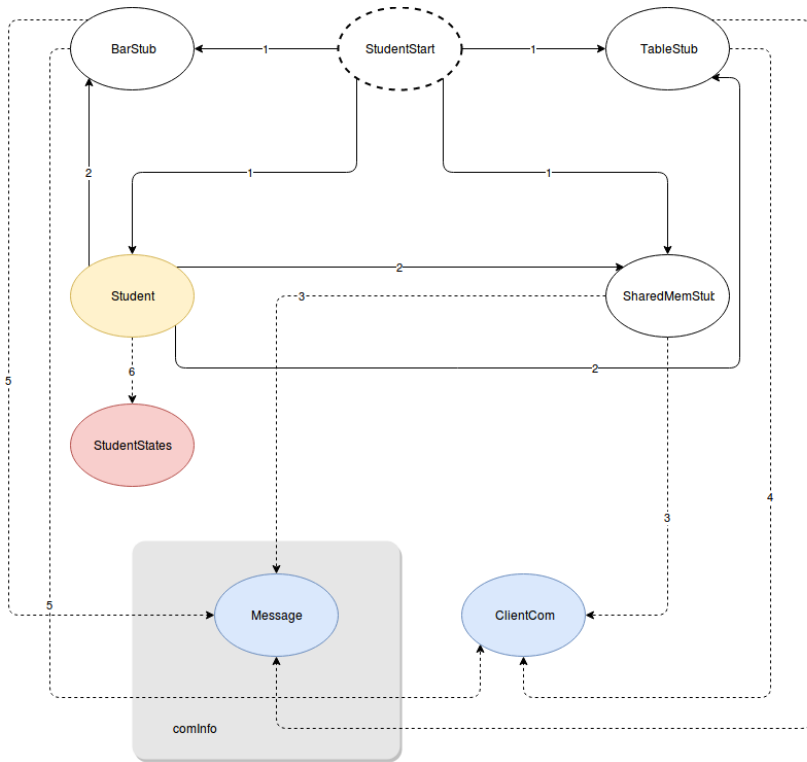
4 - ClientProxy instantiates ServerCom.

Shared Memory Diagram

Interactions:

1 - SharedMemServer instantiates the sharedMemInterface, ClientProxy, ServerCom, Bar and Logger;

2 - SharedMemInterface instantiates SharedMemory and uses Message;

3 - SharedMemInterface uses in it's methods the class Message;

4 - ClientProxy instantiates ServerCom.

5 - SharedMemory saves the states that are referenced in ChefStates, StudentStates and WaiterStates.
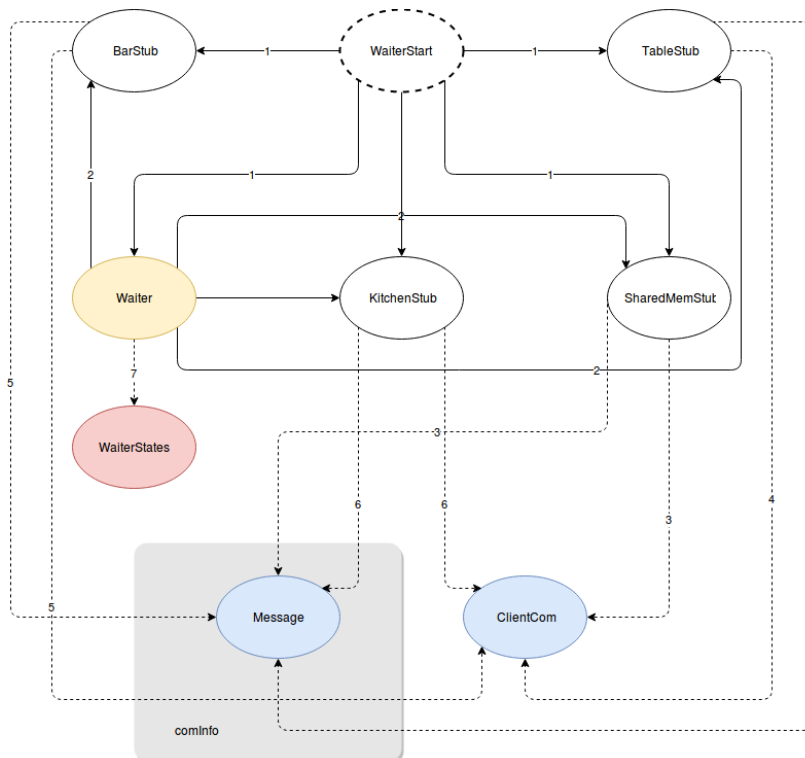
6 - Shared Memory logs the states with class Logger.

Student Diagram

Interactions:

1 - StudentStart instances the BarStub, TableStub and SharedMemStub;
2 - Student instances the BarStub, TableStub and SharedMemStub;
3 - SharedMemStub uses in its method the ClientCom and Message;
4 - TableStub uses in its method the ClientCom and Message;
5 - BarStub uses in its method the ClientCom and Message;

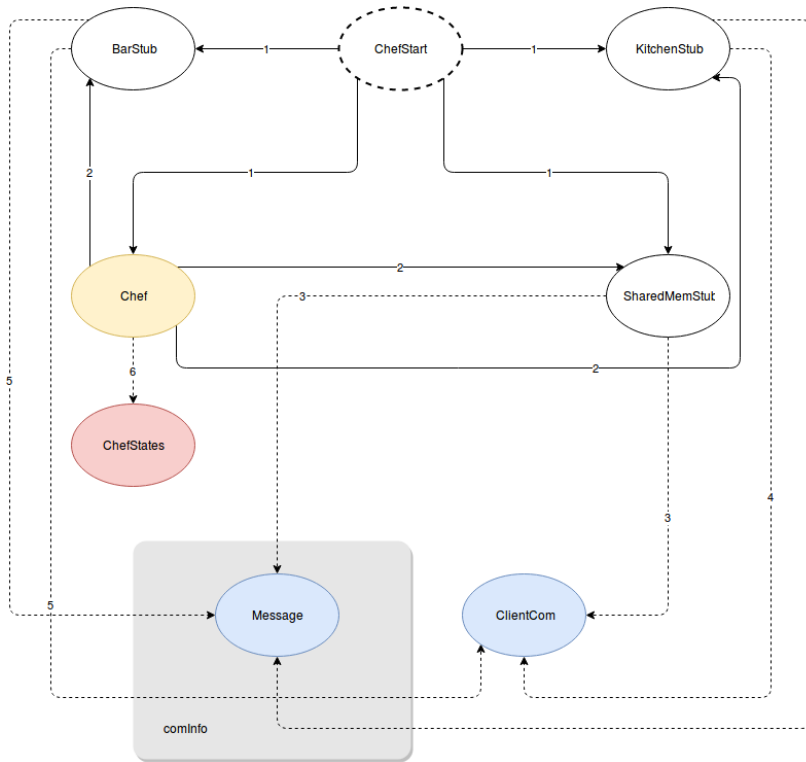# Waiter Diagram

Interactions:

1 - StudentStart instances the BarStub, TableStub and SharedMemStub;
2 - Student instances the BarStub, TableStub and SharedMemStub;
3 - SharedMemStub uses in its method the ClientCom and Message;
4 - TableStub uses in its method the ClientCom and Message;
5 - BarStub uses in its method the ClientCom and Message;
6 - KitchenStub uses in its method the ClientCom and Message;
7 - Waiter instance a WaiterStates;

Chef Diagram

BarStub

ChefStart

KitchenStub

Chef

SharedMemStub

ChefStates

Message

ClientCom

comInfo

Interactions:

1 - ChefStart instances the BarStub, KitchenStub and SharedMemStub;
2 - Chef instances the BarStub, KitchenStub and SharedMemStub;
3 - SharedMemStub uses in its method the ClientCom and Message;
4 - KitchenStub uses in its method the ClientCom and Message;
5 - BarStub uses in its method the ClientCom and Message;