



universidade
de aveiro

SISTEMAS DISTRIBUÍDOS

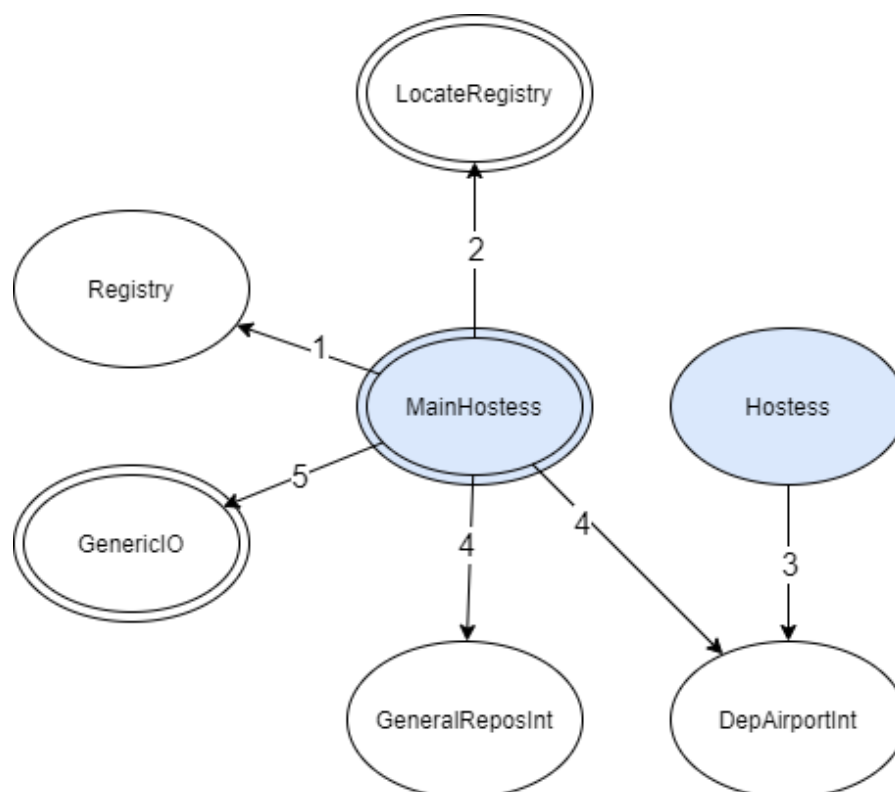
DIAGRAMAS DE INTERAÇÃO TRABALHO 3

Pedro Gonçalves 88859

Rui Oliveira 89216

CLIENT SIDE

Hostess



1 - inst, lookup

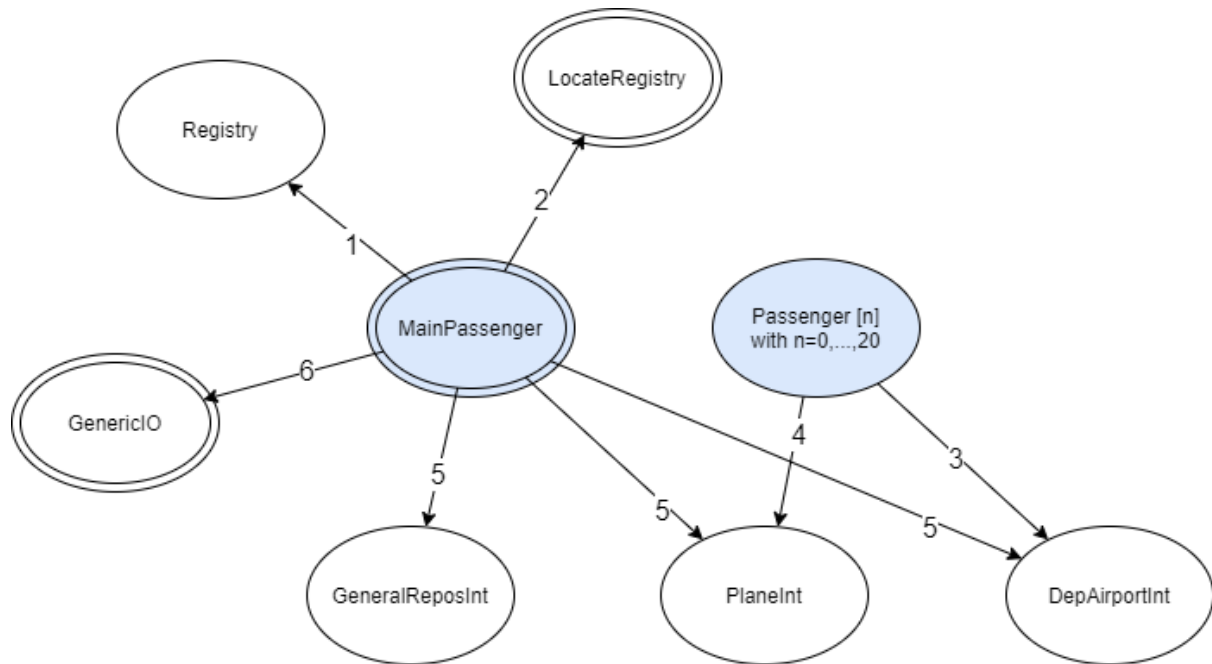
2 - getRegistry

3 - prepareForPassBoarding, waitForNextPassenger,
checkDocuments, informPlaneReadyToTakeOff,
waitForNextFlight, allPassengLeft

4 - inst

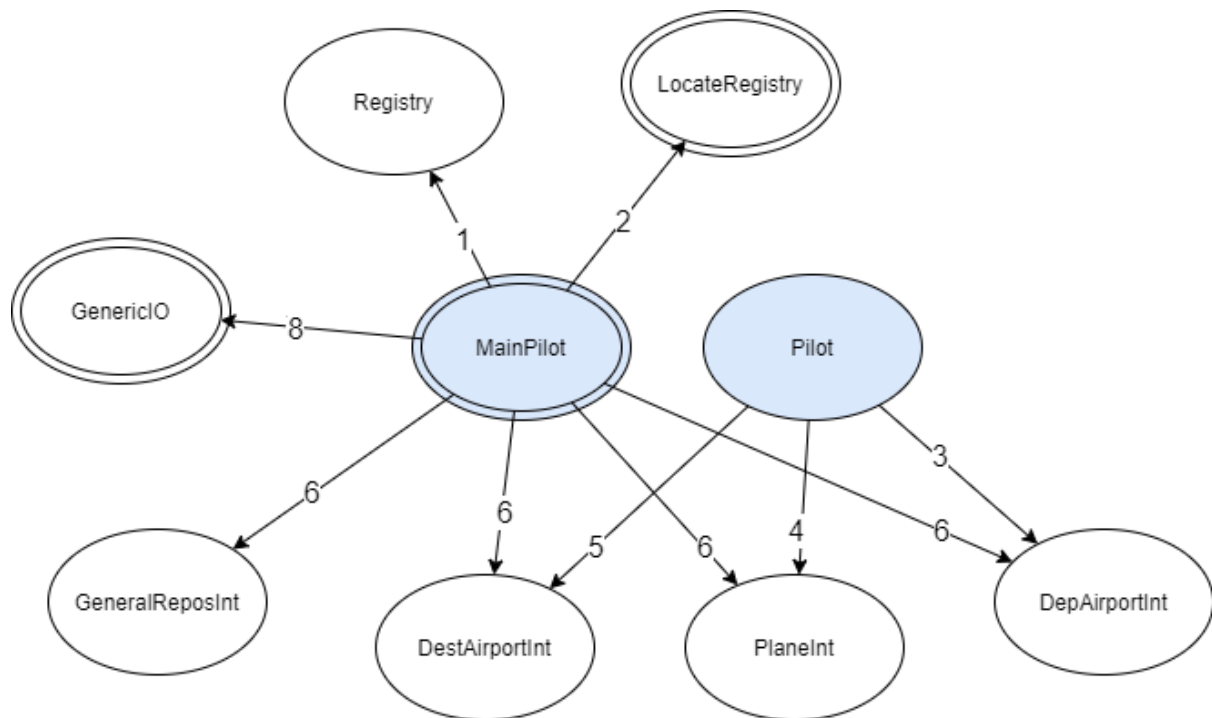
5 - writelnString

Passenger



- 1 - inst, lookup
- 2 - getRegistry
- 3 - waitInQueue, showDocuments
- 4 - boardThePlane, waitForEndOfFlight, leaveThePlane
- 5 - inst
- 6 - writeInString

Pilot



1 - inst, lookup

2 - getRegistry

3 - parkAtTransferGate, informPlaneReadyForBoarding, waitForAllInBoard

4 - flyToDestinationPoint, announceArrival

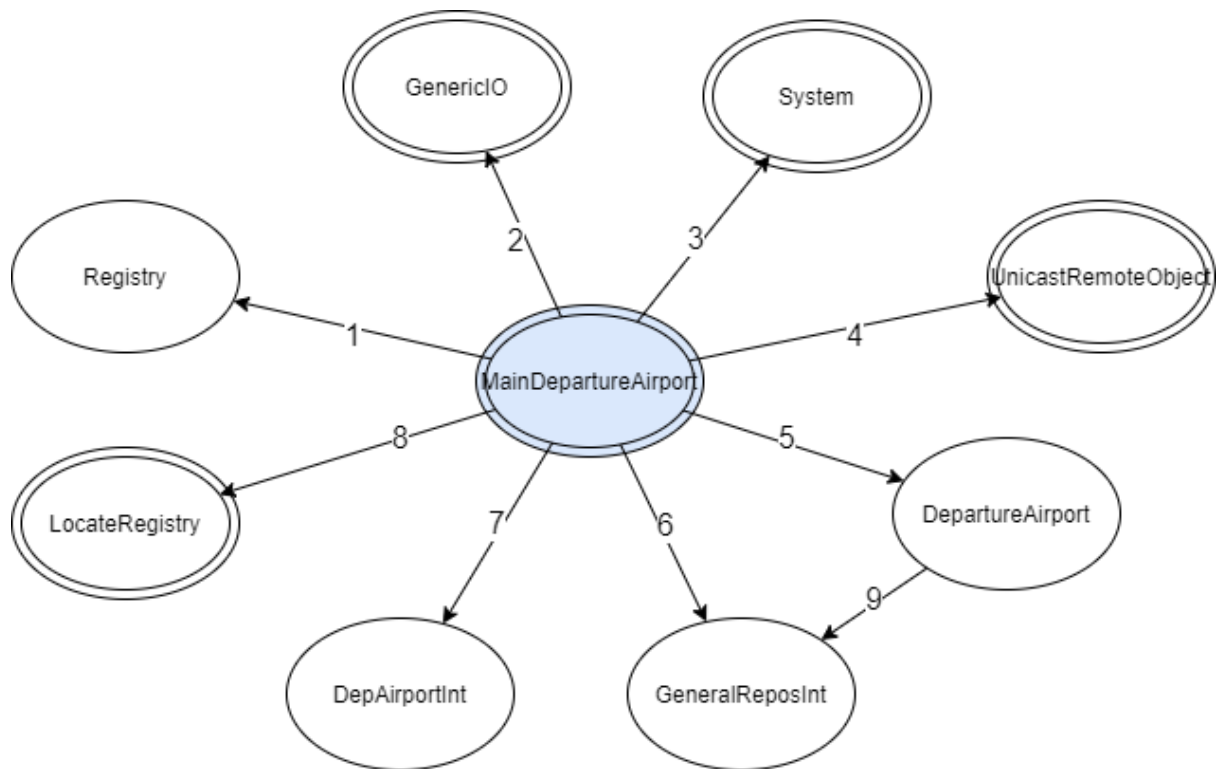
5 - flyToDeparturePoint

6 - inst

7 - writelnString

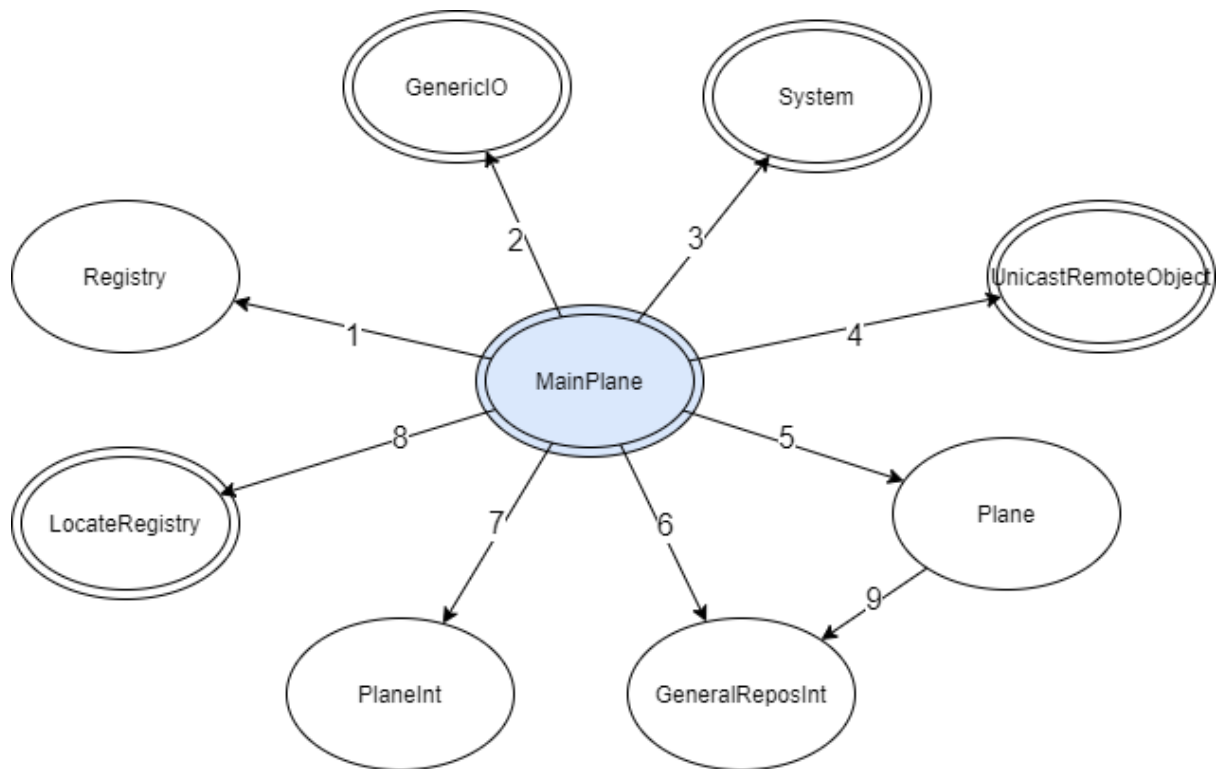
SERVER SIDE

Departure Airport



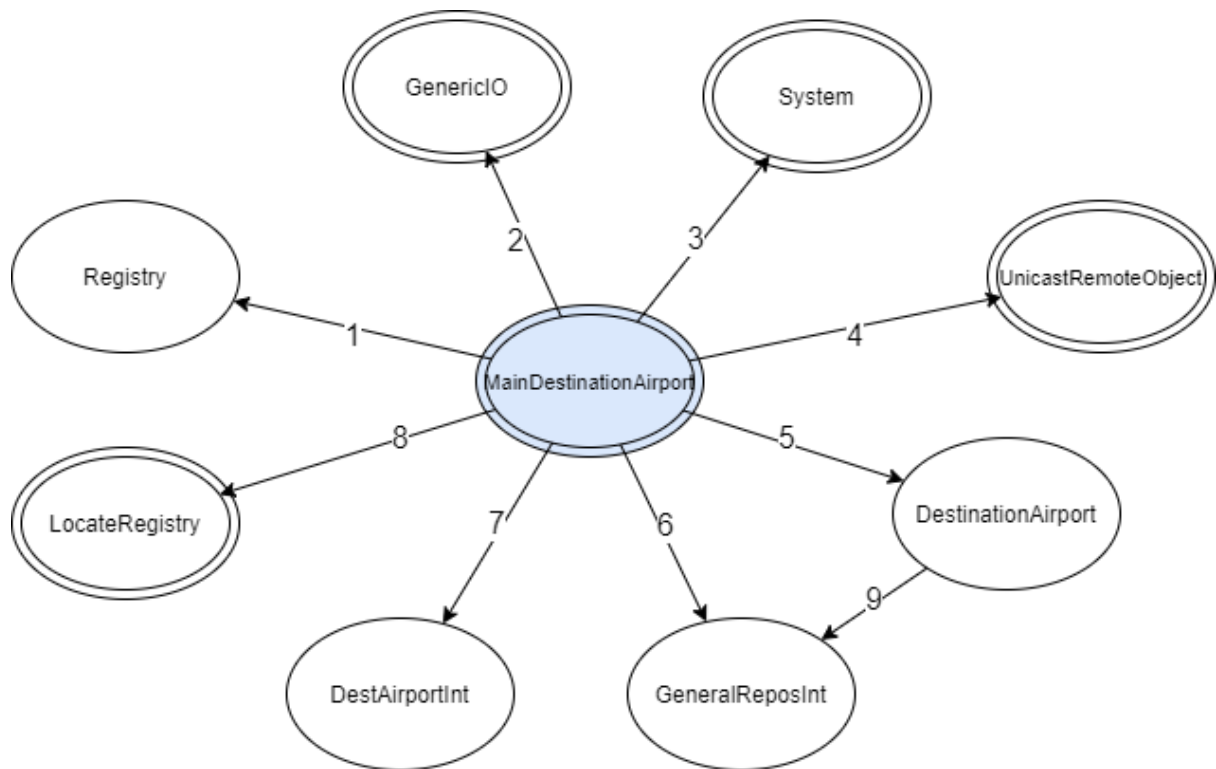
- 1 - inst, lookup
- 2 - writelnString
- 3 - getSecurityManager, setSecurityManager, exit
- 4 - exportObject, unexportObject
- 5 - inst
- 6 - inst
- 7 - inst
- 8 - getRegistry
- 9 - setPilotState, setHostessState, setPassengerState, addToQ, removeFromQ, addToF, print, printFinal

Plane



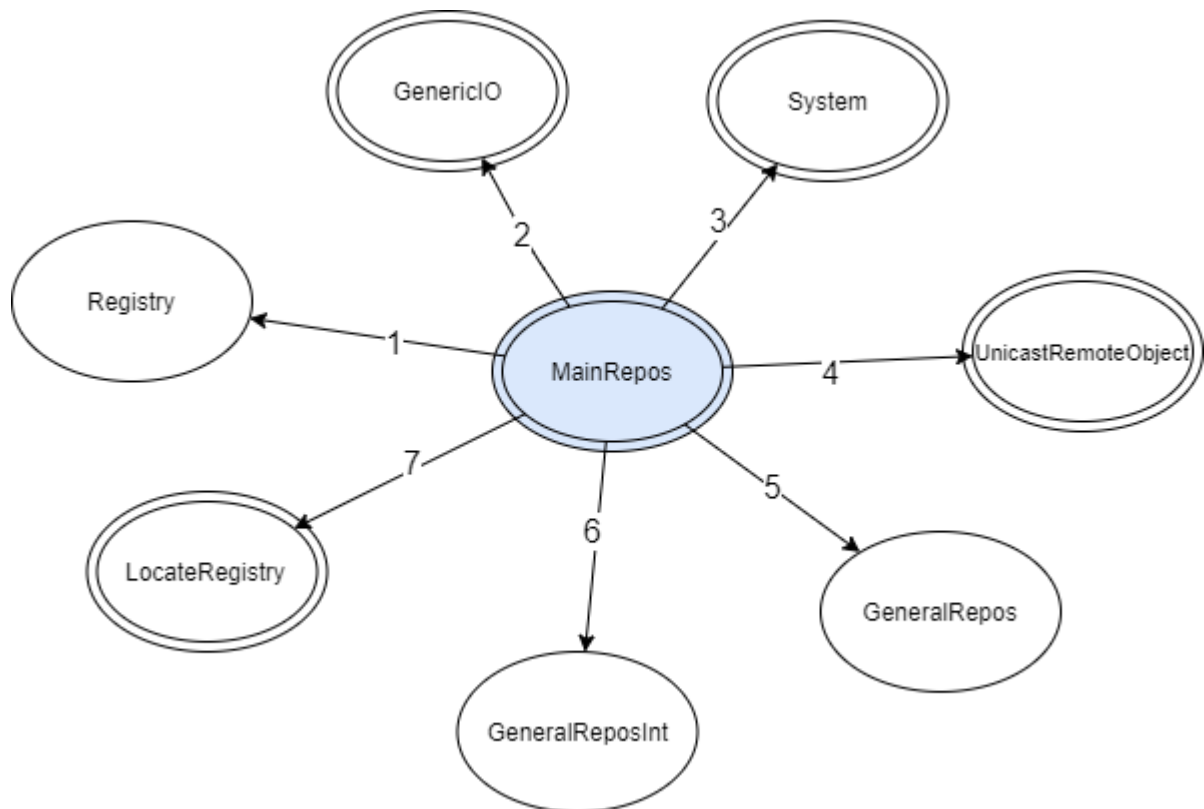
- 1 - inst, lookup
- 2 - writeInString
- 3 - getSecurityManager, setSecurityManager, exit
- 4 - exportObject, unexportObject
- 5 - inst
- 6 - inst
- 7 - inst
- 8 - getRegistry
- 9 - setPilotState, setPassengerState, print, updateFlightInfo, addToTotal, removeFromF

Destination Airport



- 1 - inst, lookup
- 2 - writeInString
- 3 - getSecurityManager, setSecurityManager, exit
- 4 - exportObject, unexportObject
- 5 - inst
- 6 - inst
- 7 - inst
- 8 - getRegistry
- 9 - setPilotState, print

General Repository



- 1 - inst, lookup
- 2 - writeInString
- 3 - getSecurityManager, setSecurityManager, exit
- 4 - exportObject, unexportObject
- 5 - inst
- 6 - inst
- 7 - getRegistry