SERVER SIDE
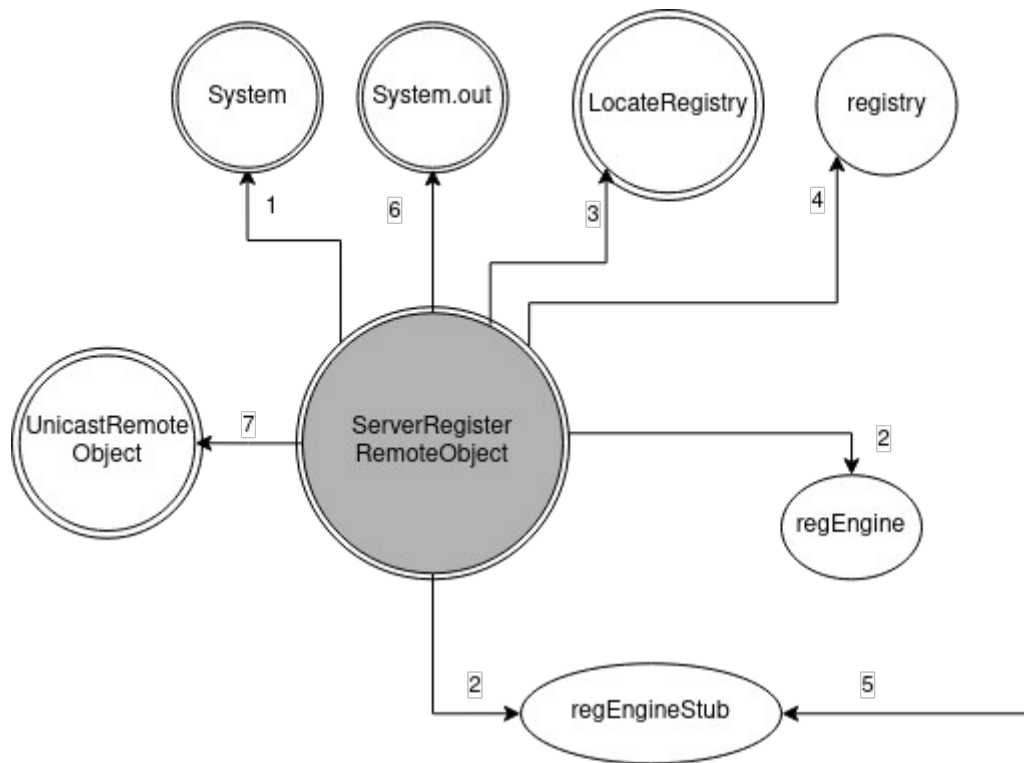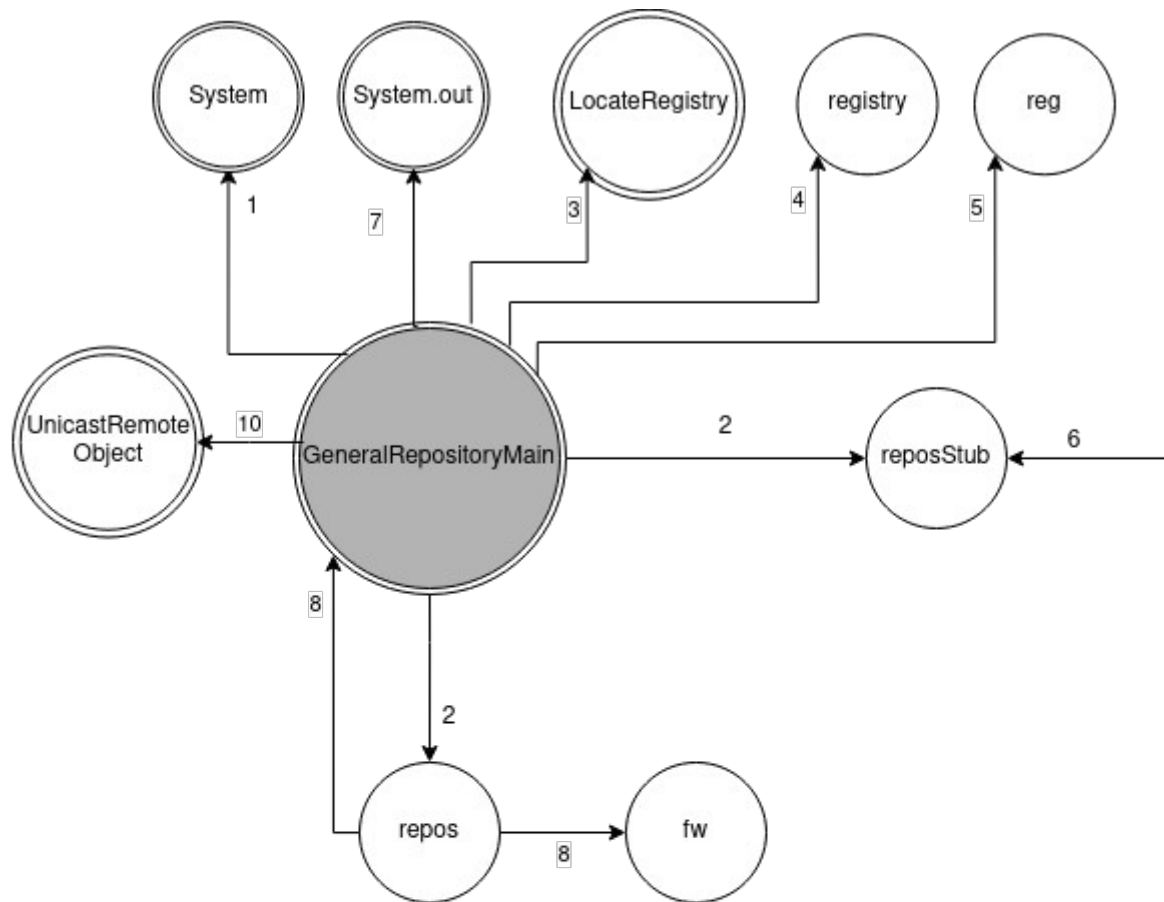
ServerRegisterRemoteObject – Diagram
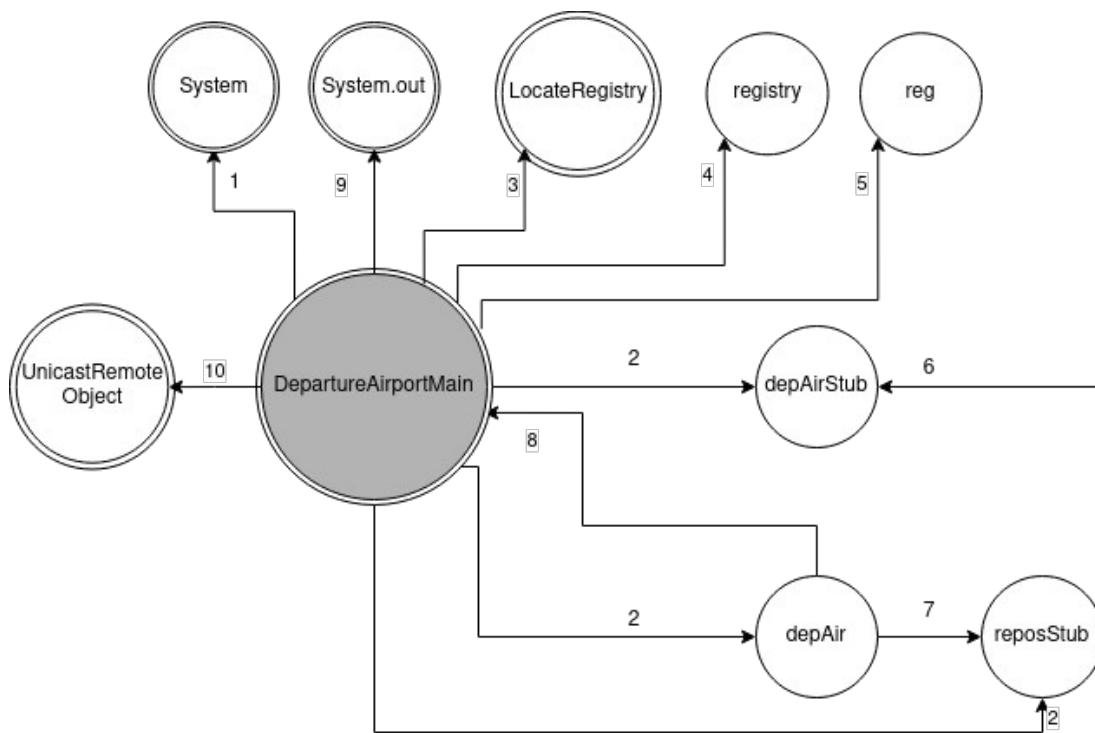

1 - setSecurityManager, getSecurityManager
2 - instantiate
3 - getRegistry
4 - instantiate, rebind
5 - bind, unbind, rebind
6 - println
7 - exportObject

GeneralRepositoryMain – Diagram

1 - setSecurityManager, getSecurityManager, exit
2 - instantiate
3 - getRegistry
4 - instantiate, lookup
5 - instantiate, bind, unbind
6 - initSimul, setPilotState, setHostessState, setPassengerState,
    sumUp, shutdown, getInF, getPTAL, setEmptyPlaneDest
7 - printf, println, print
8 - shutdown
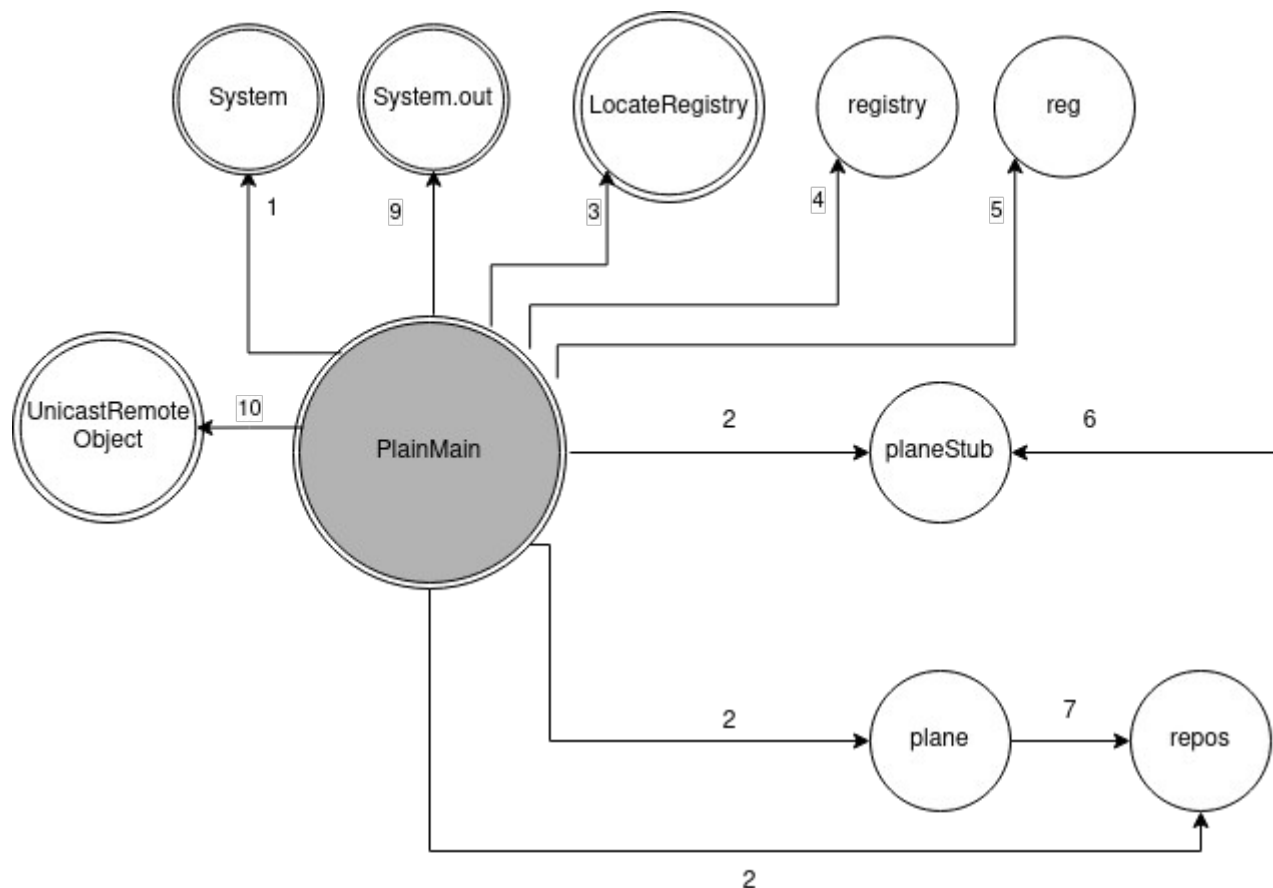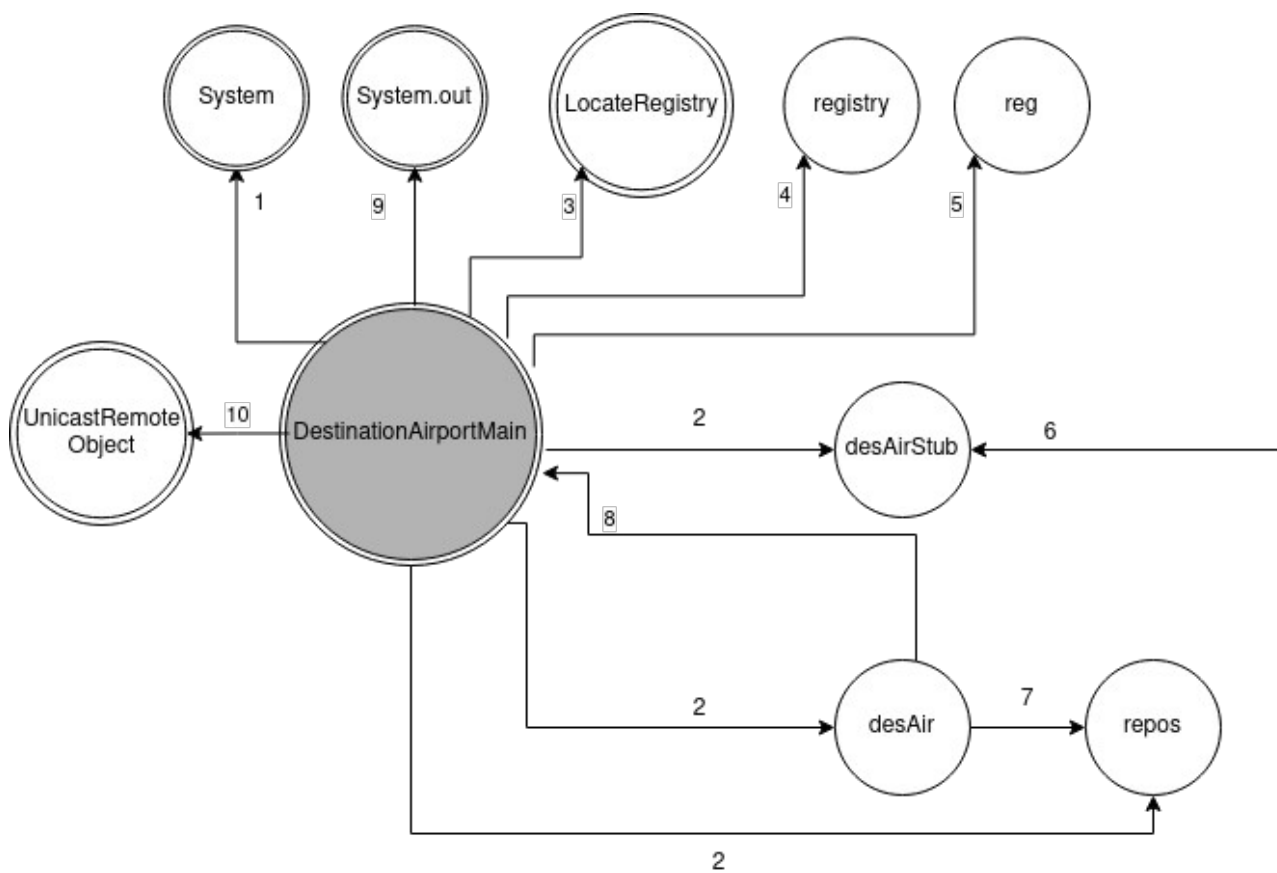9 - exportObject, unexportObject

DepartureAirportMain – Diagram

1 - setSecurityManager, getSecurityManager, exit
2 - instantiate
3 - getRegistry
4 - instantiate, lookup
5 - instantiate, bind, unbind
6 - informPlaneReadyForBoarding, prepareForPassBoarding, waitInQueue,
    checkDocuments, showDocuments, waitForNextPassenger, boardThePlane,
    waitForNextFlight, parkAtTransferGate, isInformPlane, shutdown
7 - setPilotState, setHostessState, setPassengerState
8 - shutdown
9 - println
10 - exportObject, unexportObject

PlaneMain – Diagram

1 - setSecurityManager, getSecurityManager, exit
2 - instantiate
3 - getRegistry
4 - instantiate, lookup
5 - instantiate, bind, unbind
6 - waitForAllInBoard, flyToDestinationPoint, flyToDeparturePoint,
    informPlaneReadyToTakeOff, waitForEndOfFlight, shutdown
7 - setPilotState, setHostessState, setEmptyPlaneDest
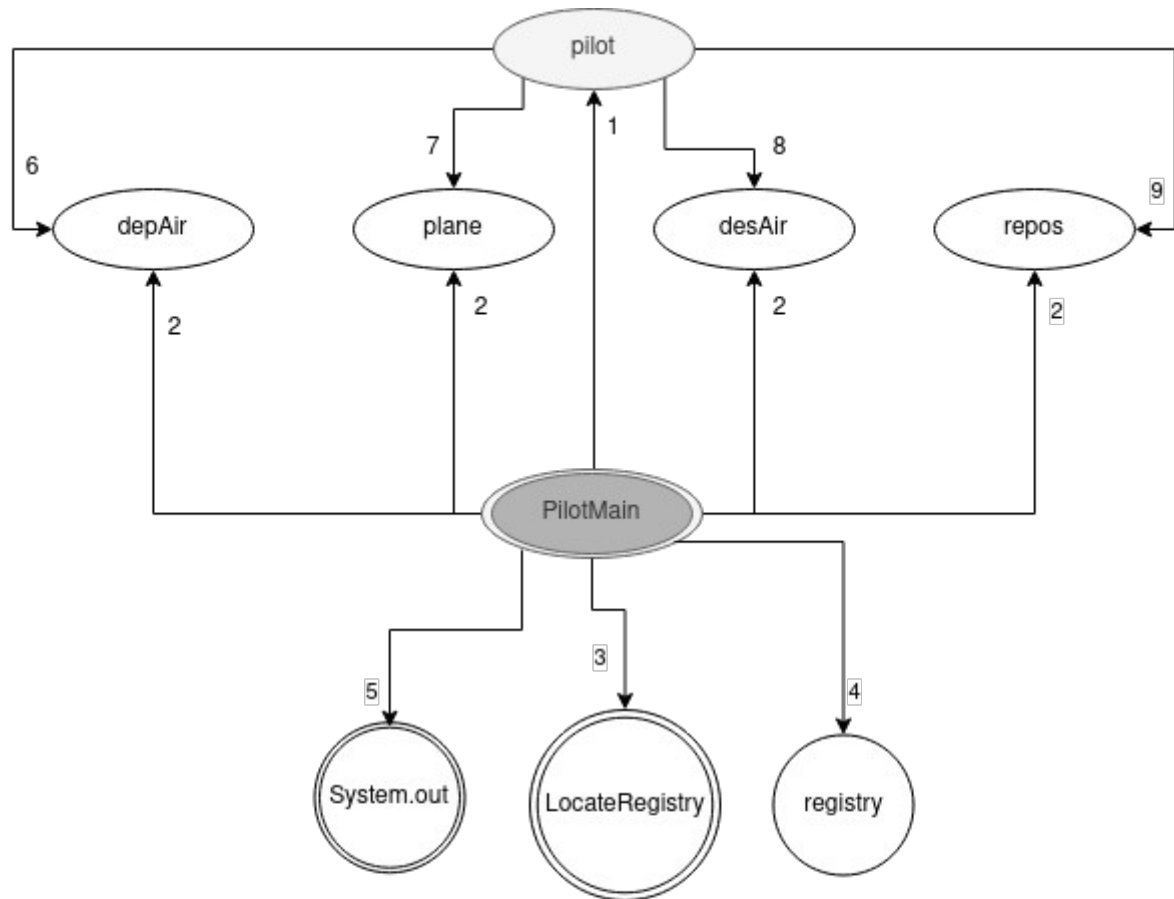8 - shutdown
9 - println
10 - exportObject, unexportObject

DestinationAirportMain – Diagram

1 - setSecurityManager, getSecurityManager, exit
2 - instantiate
3 - getRegistry
4 - instantiate, lookup
5 - instantiate, bind, unbind
6 - announceArrival, leaveThePlane, shutdown
7 - setPilotState, setPassengerState, getInF, setEmptyPlaneDest
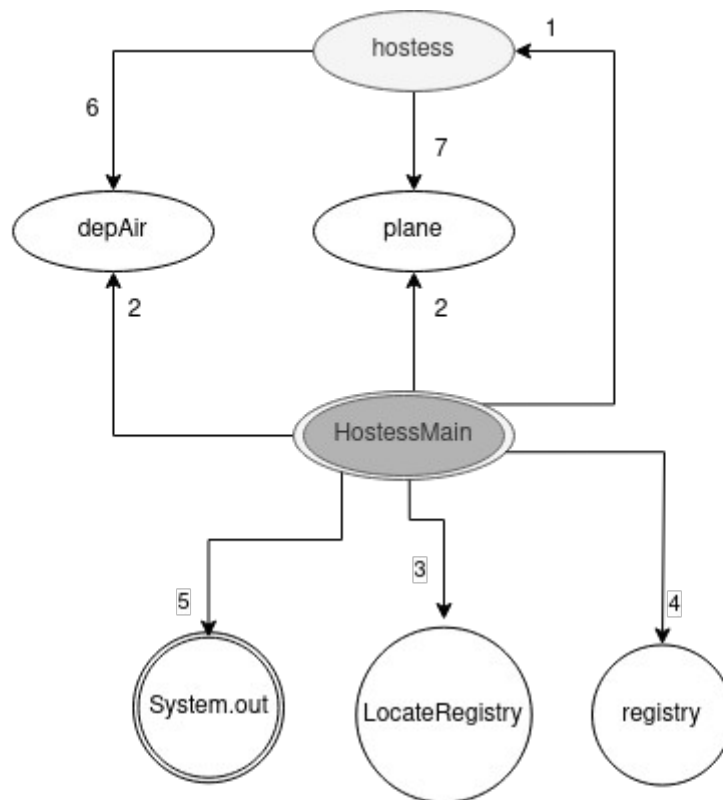8 - shutdown
9 - println
10 - exportObject, unexportObject

CLIENT SIDE
PilotMain – Diagram

1 – instantiate, start, join
2 – instantiate, shutdown
3 – getRegistry
4 – instantiate, lookup
5 – println
6 – informPlaneReadyForBoarding, parkAtTransferGate
7 – waitForAllInBoard, flyToDestinationAirport, flyToDepartureAirport
8 – AnnounceArrival
9 - getPTAL

HostessMain – Diagram

1 – instantiate, start, join
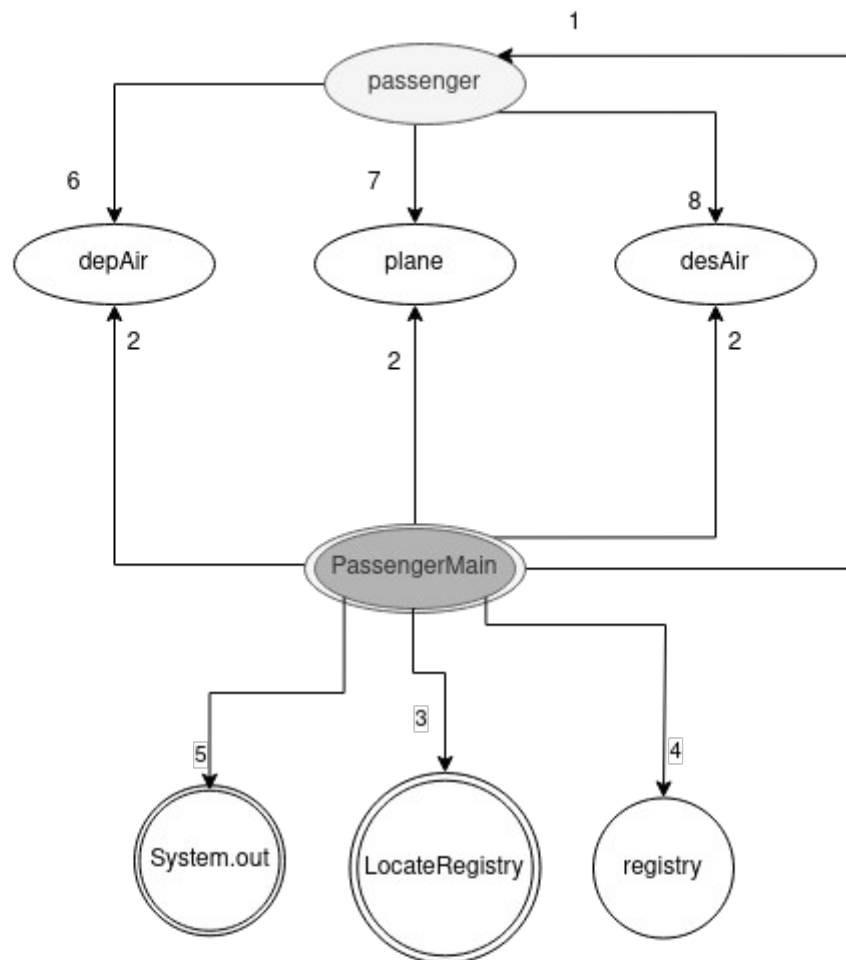2 – instantiate
3 – getRegistry
4 – instantiate, lookup
5 – println
6 – prepareForPassBoarding, waitForNextPassenger, checkDocuments, isInformPlane, waitForNextFlight
7 – informPlaneReadyToTakeOff

PassengerMain – Diagram

1 – instantiate, start, join
2 – instantiate
3 – getRegistry
4 – instantiate, lookup
5 – println
6 – waitInQueue, showDocuments, boardThePlane
7 – waitForEndOfFlight
8 - leaveThePlane