

C Shipment	
f route	Route
m Shipment(int, LocalDate, Cluster, Cluster, long, long, long)	
m isFulfilled()	boolean
m dueDateInMS()	long
m toString()	String
p timeWindowStart	long
p route	Route
p unloadDuration	long
p load	long
p loadDuration	long
p shippingVehicle	Vehicle
p destination	Cluster
p timeWindowEnd	long
p shipmentCost	Double
p shipmentId	int
p dueDate	LocalDate
p source	Cluster

C Vehicle	
m Vehicle(int, long, String, Cluster, double, double, double)	
m addShipment(Shipment)	void
m getCharge(Shipment)	double
m getTripDuration(Shipment)	long
m toString()	String
p deadRunPerKMCharge	double
p type	String
p shipments	List<Shipment>
p truckId	int
p currentLocation	Cluster
p originCluster	Cluster
p loadRunPerKMCharge	double
p capacity	long
p dailyFixedCharge	double

C Cluster	
f arbitrationCostMap	Map<Integer, Double>
m Cluster(int, String, Map<Integer, Double>, long)	
m getArbitrageCost(Market)	double
m setArbitrageCost(Market, double)	void
m toString()	String
p name	String
p clusterId	int
p surgePrice	double

C Route	
m Route(Cluster, Cluster, Market, Market, Vehicle, long)	
m cost()	double
p destinationMarket	Market
p startEpoch	long
p vehicle	Vehicle
p destinationCluster	Cluster
p sourceCluster	Cluster
p sourceMarket	Market

C Market	
m Market(int, String, Cluster, long, long)	
p name	String
p marketId	int
p cluster	Cluster
p constantFetchDist	long
p reverseFetchDist	long

C Plan	
m Plan(List<Shipment>, List<Vehicle>)	
p totalKms	double
p shipments	List<Shipment>
p cost	double
p vehiclesUsed	List<Vehicle>