«enumeration» BaggageType

Normal
Bulky

Airport

~ airplanes: ArrayList<Airplane>
~ baggages: ArrayList<Baggage>
~ baggageSortingUnit: BaggageSortingUnit
~ name: String

+ addAirplane(Airplane): void
+ Airport(String, ArrayList<Baggage>)
+ setAirplanes(ArrayList<Airplane>): void

Baggage

+ baggageType: BaggageType
+ content: String
+ flightNumber: String
+ uuid: String
+ weight: double

+ Baggage(String, String, double, BaggageType, String)
+ getBaggageFlightNumber(): String
+ getBaggageType(): BaggageType
+ getContent(): String
+ getUuid(): String
+ getWeight(): double
+ setBaggageType(BaggageType): void
+ setContent(String): void
+ setUuid(String): void
+ setWeight(double): void

+baggageType

~baggageSortingUnit
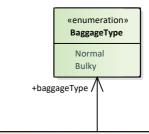
BaggageSortingUnit

~ baggageArray: ArrayList<Baggage>
~ id: int
~ sortedBaggageArrayType: ArrayList<Baggage>

+ sortBaggageFlightNumber(ArrayList<Baggage>): HashMap<String, ArrayList<Baggage>>
+ sortBaggageType(ArrayList<Baggage>): HashMap<BaggageType, ArrayList<Baggage>>

«interface» IBaggageSortingUnit

+ sortBaggageFlightNumber(ArrayList<Baggage>): HashMap<String, ArrayList<Baggage>>
+ sortBaggageType(ArrayList<Baggage>): HashMap<BaggageType, ArrayList<Baggage>>

Main

+ main(String[]): void

Airplane

+ baggages: HashMap<BaggageType, ArrayList<Baggage>>
+ flightNumber: String