

MyException
+MyException()

<<Interface>> Builder
+setAeronefType(): void
+setCurrentAirport():void
+setPilot(): void
+setCapacity(): void
+setPriceKM(): void
+setAutonomie(): void
+setVitesse(): void

Aeronef
-CurrentAirport: Airport
-pilot: Pilot
-capacity: int
-priceKM: double
-autonomie: int
-vitesse: int
-model_number: int
-type: AeronefType
+Aeronef()
+getType(): AeronefType
+getCurrentAirport(): Airport
+getPilot(): Pilot
+getCapacity(): int
getPriceKM(): double
+getAutonomie(): int
+getVitesse(): int
+getModel_number(): int
+toString(): String
+compareTo(): int

Airport
-name: String
-city: String
+Airport()
+getName(): String
+getCity(): String
+setName(): void
+setCity(): void
copy(): void

<<enumeration>> AeronefType
DR400
CESSNA152
FOUGA_MAGISTER
PA28

Pilot
-name: String
-age: int
+Pilot()
+getName(): String
+getAge(): int
+setName(): void
+setAge(): void
+copy(): void
+toString(): String

Reservation
-price: int
-departure: String
-arrival: String
-id: int
-isFull: boolean
-flight: Flight
+Reservation()
+getPrice(): int
+setPrice(): void
+getDeparture(): String
+setDeparture(): void
+getArrival(): String
+setArrival(): void
+getId(): int
+setId(): void
+applyDiscount(): void
+compareTo(): int

SortingAlgos
+quicksort(): void
+getMedOf3(): int
+swap(): void
+partition(): int
+mergeSort(): void
+merge(): void

AeronefBuilder
-type: AeronefType
-CurrentAirport: Airport
-pilot: Pilot
capacity: int
priceKM: double
-autonomie: int
-vitesse: int
-model_number: int
+setAeronefType(): void
+setCurrentAirport(): void
+setPilot(): void
+setCapacity(): void
+setPriceKM(): void
+setAutonomie(): void
+setVitesse(): void
+setModelNumber(): void
+getResult(): Aeronef

Director
-scanner: Scanner
+constructDR400(): void
+constructCESSNA152(): void
+constructFOUGA_MAGISTER(): void
+constructPA28(): void
+constructFixedDR400(): void
+constructFixedCESSNA152(): void
+constructFixedFougaMagister(): void
+constructFixedPA28(): void
+constructPlane(): void

Creator
-countVol: int
-director: Director
-builder: AeronefBuilder
-scanner: Scanner
+createReservation(): Reservation
+createPilot(): Pilot
+createAirport(): Airport
+createAeronef(): Aeronef
+createVol(): Flight
+isValidDate(): boolean
+isValidHour(): boolean

Utilisateur
-nom: String
-prenom: String
-adresse: String
-telephone: String
+Utilisateur()
+addReservation(): void
+getNom(): String
+getPrenom(): String
+getAdresse(): String
+getTelephone(): String
+setNom(): void
+setPrenom(): void
+setAdresse(): void
+setTelephone(): void
+equals(): boolean
+toString(): String

Admin
-id_connection: int
+getId_connection(): int
+addReservation(): void
+deleteReservation(): void
+addFlight(): void
+deleteFlight(): void
+addAirport(): void
+deleteAirport(): void
+addAeronef(): void
+deleteAeronef(): void

