

MersenneTwisterFast	
serialVersionUID	long
N	int
M	int
MATRIX_A	int
UPPER_MASK	int
LOWER_MASK	int
TEMPERING_MASK_B	int
TEMPERING_MASK_C	int
mt	int[]
mti	int
mag01	int[]
__nextNextGaussian	double
__haveNextNextGaussian	boolean
MersenneTwisterFast()	
MersenneTwisterFast(long)	
MersenneTwisterFast(int[])	
clone()	Object
stateEquals(MersenneTwisterFast)	boolean
readState(DataInputStream)	void
writeState(DataOutputStream)	void
nextInt()	int
nextShort()	short
nextChar()	char
nextBoolean()	boolean
nextBoolean(float)	boolean
nextBoolean(double)	boolean
nextByte()	byte
nextBytes(byte[])	void
nextLong()	long
nextLong(long)	long
nextDouble()	double
nextDouble(boolean, boolean)	double
clearGaussian()	void
nextGaussian()	double
nextFloat()	float
nextFloat(boolean, boolean)	float
nextInt(int)	int
nextInt(int, int)	int
nextDouble(double, double)	double
seed	int[]



TicketBuilder	
ticketId	int
voyager	Voyager
travelTime	Date
travelCategory	TravelClass
seat	WaggonSeat
sourceLocation	Source
destinationLocation	Destination
build()	ElectronicTicket
sourceLocation	Source
travelCategory	TravelClass
travelTime	Date
voyager	Voyager
seat	WaggonSeat
destinationLocation	Destination

ElectronicTicket	
ElectronicTicket(TicketBuilder)	
hashCode()	int
sendToPhone()	void
reserveSeat()	void
toString()	String
sourceLocation	Source
travelCategory	TravelClass
travelTime	Date
voyager	Voyager
seat	WaggonSeat
ticketId	int
destinationLocation	Destination

USChip	
ticketId	int
USChip()	
isValidTicketUS()	boolean
readTicketIdUS()	int
writeTicketIdUS(int)	void
getVersionUS()	String
toString()	String

USChipAdapter	
USChipAdapter()	
isValidTicket()	boolean
readTicketId()	int
writeTicketId(int)	void
toString()	String
version	String

IRFIDChip	
isValidTicket()	boolean
readTicketId()	int
writeTicketId(int)	void
version	String

EUSChip	
ticketId	int
EUSChip()	
isValidTicket()	boolean
readTicketId()	int
writeTicketId(int)	void
toString()	String
version	String

TicketRepository	
instance	
numberOfTickets	int
repository	Map<integer, ElectronicTicket>
registerTicket(ElectronicTicket)	boolean
isTicketRegistered(ElectronicTicket)	boolean
isTicketRegistered(int)	boolean
getTicket(int)	ElectronicTicket
getTicket(Voyager)	ElectronicTicket
removeTicket(int)	boolean
removeTicket(Voyager)	boolean
hasTicketBought(Voyager)	boolean
ticketIdSet()	Set<integer>
tickets()	Collection<ElectronicTicket>

TicketProducer	
builder	TicketBuilder
train	Train
voyagerList	List<Voyager>
ticketsProduced	boolean
TicketProducer()	
produceTickets()	void
produceTickets(boolean)	void
produceInvalidTickets()	void
buildTicket(Voyager, TravelClass, WaggonSeat, Source, Destination)	void
randomEnumConstant(Class<E>)	E
areTicketsProduced()	boolean
getListOfPassengers()	List<Voyager>

Voyager	
Voyager()	
Voyager(String)	
Voyager(String, String, MPhone)	
hasPhone()	boolean
hasTicketBought()	boolean
toString()	String
name	String
fingerPrint	String
phone	MPhone

Application	
train	Train
conductor	IntelligentConductor
Application()	
constructTrain()	void
constructConductor()	void
initialize()	void
execute()	void
prepareShutdown()	void
main(String[])	void

IntelligentConductor	
scanner	ScanningDevice
passengerList	List<Voyager>
IntelligentConductor()	
init()	void
doYourJob()	void
printPassengerList()	void
checkTickets()	void
printRemainingTickets()	void

Logger	
instance	
dateFormat	DateFormat
writer	PrintWriter
init()	
write(String)	void
log(String)	void
newLine()	void
close()	void

Waggon	
seats	List<WaggonSeat>
Waggon()	
totalNumberOfSeats	int
aisle	Aisle
rightSeats	List<WaggonSeat>
leftSeats	List<WaggonSeat>

Configuration	
instance	
userDirectory	String
fileSeparator	String
lineSeparator	String
logFile	String
mersenneTwister	MersenneTwisterFast

WaggonSeat	
WaggonSeat()	
WaggonSeat(SeatLocation)	
toString()	String
location	SeatLocation
seatId	int

MPhone	
MPhone()	
MPhone(IRFIDChip)	
receiveTicketId(int)	void
toString()	String
chip	IRFIDChip

Train	
instance	
Train()	
getInstance()	Train
waggon	Waggon

Aisle	
Aisle()	
Aisle(double)	
conductorFrequency	double
height	int

Destination	
Munich	
Stuttgart	
Dresden	
Heidelberg	

ScanningDevice	
validateTicket(IRFIDChip)	boolean
readChipId(IRFIDChip)	int
getTicket(IRFIDChip)	ElectronicTicket

Source	
Cologne	
Berlin	
Hamburg	

SeatLocation	
left	
right	

TravelClass	
FIRST	
SECOND	