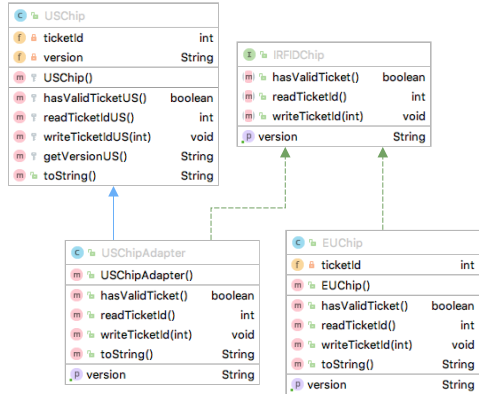
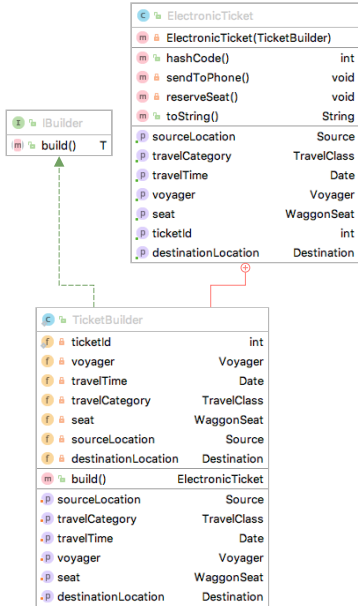


| | |
|----------------------------------|---------|
| MersenneTwisterFast | |
| serialVersionUID | long |
| N | int |
| M | int |
| MATRIX_A | int |
| UPPER_MASK | int |
| LOWER_MASK | int |
| TEMPERING_MASK_B | int |
| TEMPERING_MASK_C | int |
| mt | int[] |
| mti | int |
| mag01 | int[] |
| __nextNextGaussian | 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[] |



| | |
|--------------------------------------|--------------------------------|
| TicketRepository | |
| instance | |
| numberOfTickets | int |
| repository | Map<Integer, ElectronicTicket> |
| registerTicket(ElectronicTicket) | boolean |
| isTicketRegistered(ElectronicTicket) | boolean |
| isTicketRegistered(int) | boolean |
| getTicket(int) | ElectronicTicket |
| getTicket(Voyager) | ElectronicTicket |
| contains(ElectronicTicket) | boolean |
| removeTicket(int) | boolean |
| removeTicket(Voyager) | boolean |
| hasTicketBought(Voyager) | boolean |
| ticketIdSet() | Set<Integer> |
| tickets() | Collection<ElectronicTicket> |
| size() | int |
| clear() | void |

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

| | |
|---------------|-------------|
| Logger | |
| instance | |
| dateFormat | DateFormat |
| writer | PrintWriter |
| init() | void |
| 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 |
| 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 | |