PASSENGER

Legend:

1. **instantiation**
2. **instantiation, start**
3. **leaveTheBus**
4. **takeABus, enterTheBus**
5. **whatShouldIDo**
6. **loadbags**
7. **goCollectBag**
8. **reportMissingBag**
9. **updatePassenger, updateMissing, updateFDT, updateTRT**
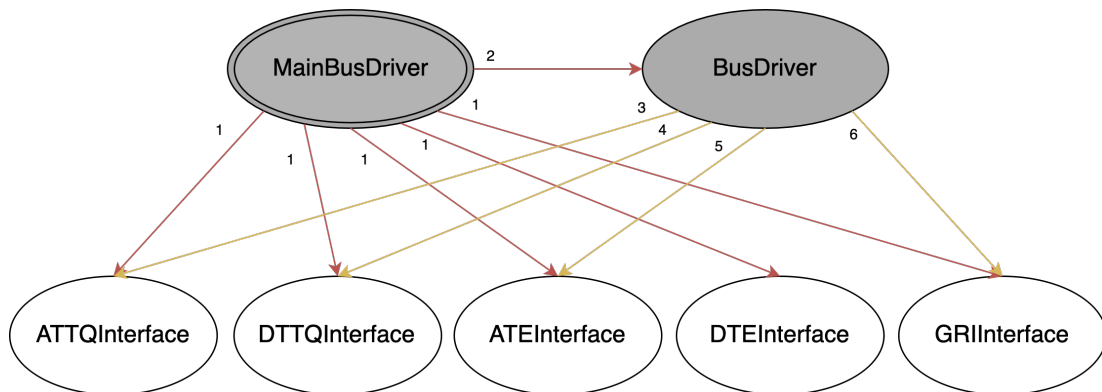10. **goHome**
11. **prepareNextLeg**

PORTER
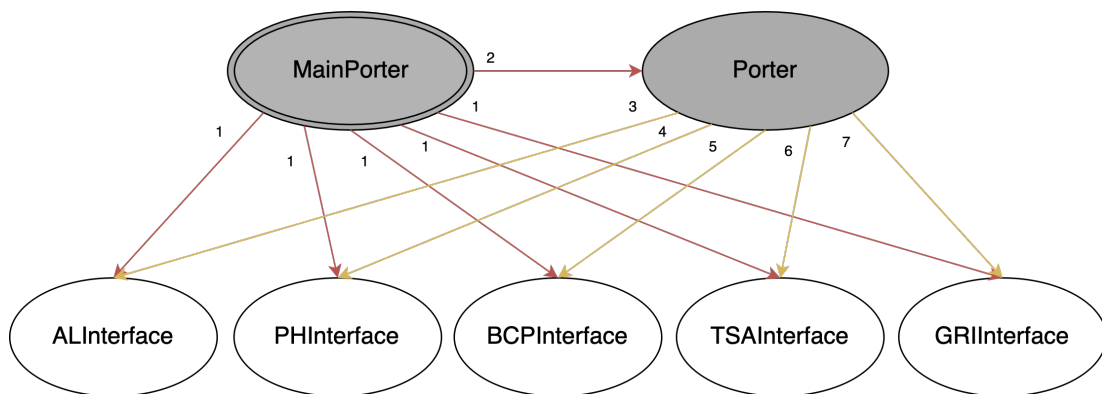
Legend:

1. **instantiation**
2. **instantiation, start**
3. **takeARest**
4. **getBag, lastPlane**
5. **noMoreBags, storeBag**
6. **storeBag**
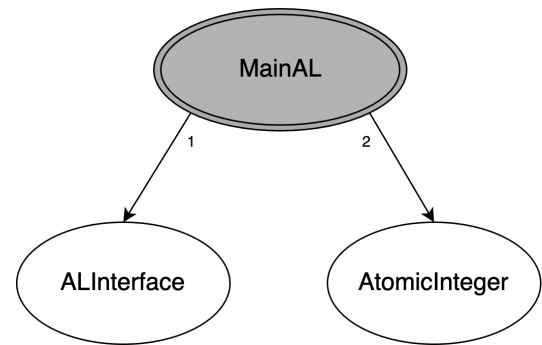7. **updatePStat**

BUSDRIVER

Legend:

1. **instantiation**
2. **instantiation, start**
3. **announcingBusBoarding, goToDepartureTerminal**
4. **parkTheBusAndLetPassOff**
5. **hasDaysWorkEnded**
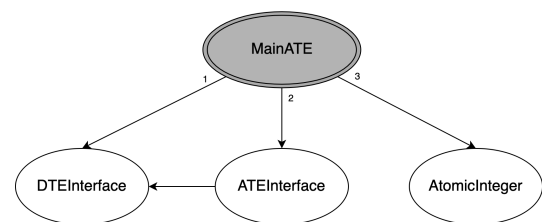6. **updateBusDriver**

ARRIVAL LOUNGE

Legend:

1. **instantiation, start, reset, takeARest, whatShouldIDo**
2. **instantiation, incrementAndGet**

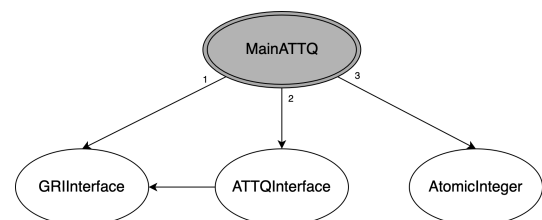## ARRIVAL TERMINAL EXIT

Legend:

1. **instantiation**
2. **instantiation, start, reset, goHome, getBlocked, hasDaysWorkEnded**
3. **instantiation, incrementAndGet**
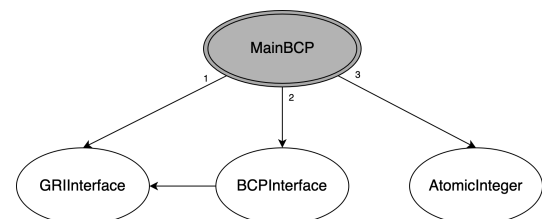

ARRIVAL TERMINAL TRANSFER QUAY

Legend:

1. **instantiation**
2. **instantiation, start, takeABus, announcingBusBoarding, enterTheBus, goToDepartureTerminal**
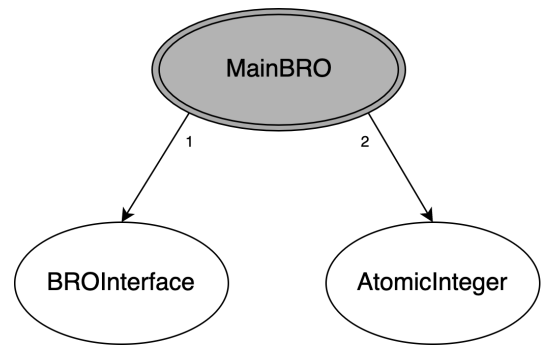3. **instantiation, incrementAndGet**

BAGGAGE COLLECTION POINT

Legend:

1. **instantiation**
2. **instantiation, start, reset, noMorebags, goCollectBag, storeBag**
3. **incrementAndGet**
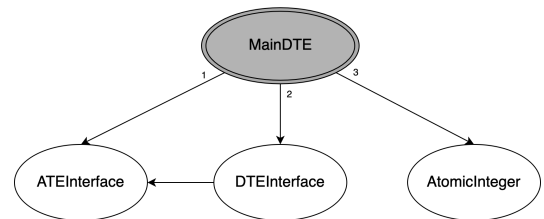
BAGGAGE RECLAIM OFFICE

Legend:

3. **instantiation, start, reportMissingBag**
4. **instantiation, incrementAndGet**

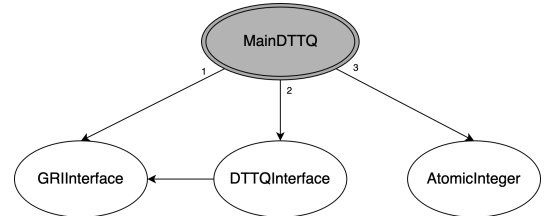## DEPARTURE TERMINAL ENTRANCE

Legend:

4. **instantiation**
5. **instantiation, start, reset, prepareNextLeg, getBlocked**
6. **instantiation, incrementAndGet**

DEPARTURE TERMINAL TRANSFER QUAY
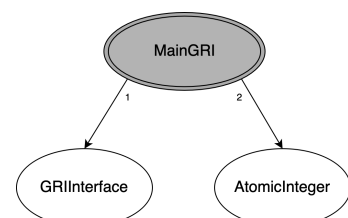
Legend:

1. **instantiation**
2. **instantiation, start, leaveTheBus, parkTheBusAndLetPassOff**
3. **instantiation, incrementAndGet**
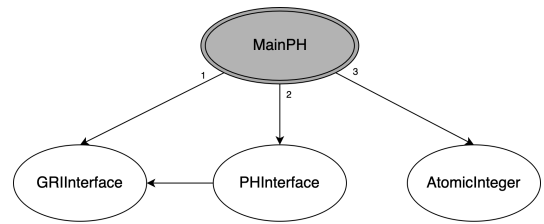

GENERAL REPOSITORY INFORMATION

Legend:

1. **instantiation, start, writeHeader, writeReport, writeLine, updateTRT, updateFDT, updateBags, updateMissing, updatePlane, updatePlaneHold, updatePStat, updateConveyorBelt, updateStoreRoom, updatePassenger, updateQueueAdd, updateQueueRemove, updateSeatAdd, updateSeatRemove, updateBusDriver, debug**
2. **instantiation, incrementAndGet**

PLANE HOLD

Legend:

1. **instantiation**
2. **instantiation, start, loadBags, getBag, hasBags, lastPlane**
3. **instantiation, incrementAndGet**

```
            MainPH
         1    2      3
        /     |       \
  GRIInterface  PHInterface  AtomicInteger
        <------
```

TEMPORARY STORAGE AREA

Legend:

1. **instantiation**
2. **instantiation, start, storeBag**
3. **instantiation, incrementAndGet**

```
            MainTSA
         1    2      3
        /     |       \
  GRIInterface  TSAInterface  AtomicInteger
        <------
```