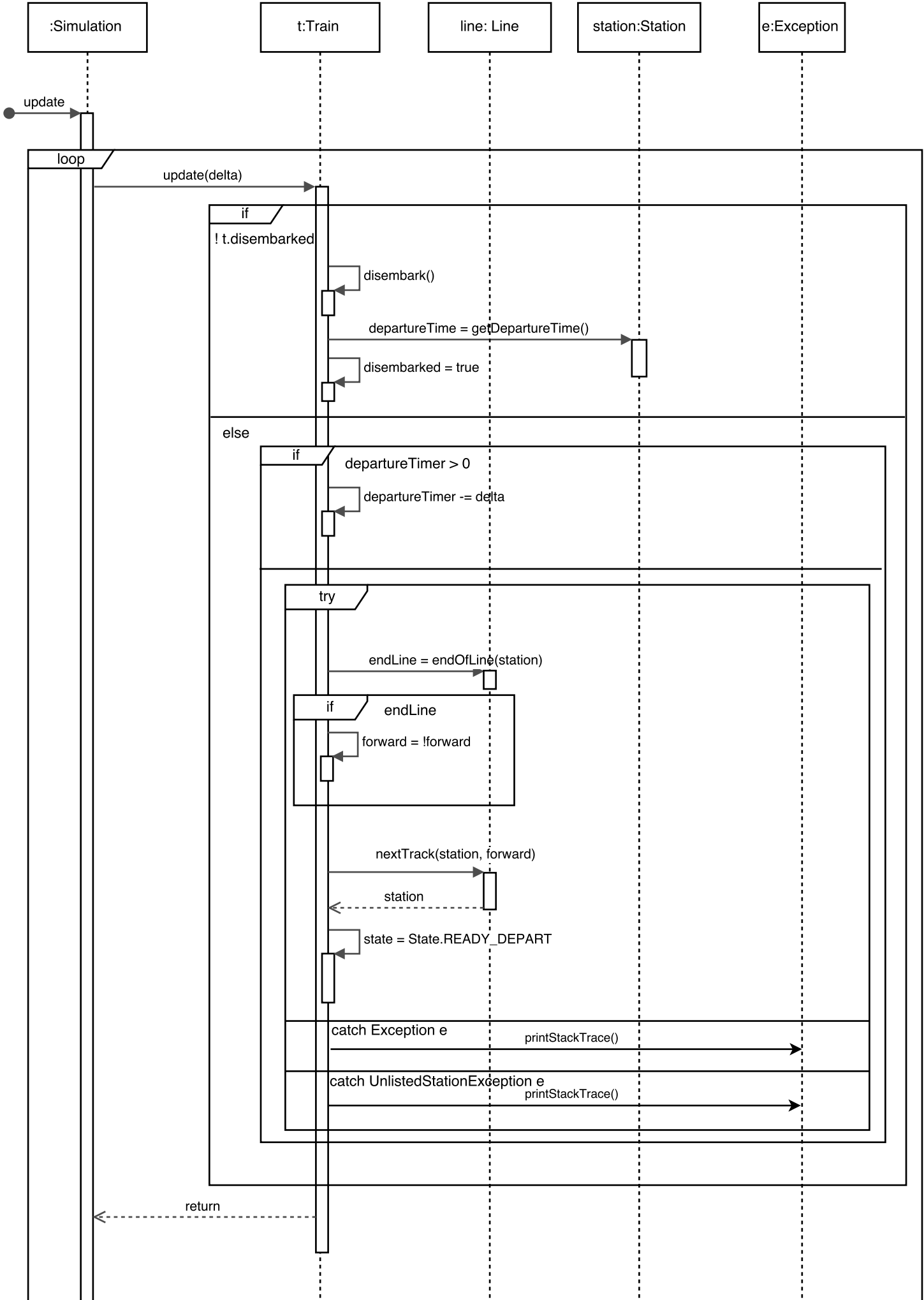# SD: Train Leaving To Departure

SD: Train Departing Station

```
:Simulation        t:Train        line: Line        station:Station        track:Track        e:Exception

       update

       loop
              update(delta)
                            canLeave = canEnter(station)

              if
              canLeave

                     try
                            nextStation(station, line)

                                    next

                            depart(t)

                     station = next

                     catch Exception e
                                    printStacktrace()

                            enter(t)

                     state = State.ON_ROUTE

              return
```