TrackerViewHelper

+ shipmentId: State<String>
+ shipmentNotes: State<String[]>
+ shipmentUpdateHistory: State<String[]>
+ expectedShipmentDeliveryDate: State<String[]>
+ shipmentStatus: State<String>

+ trackShipment(id: String)
+ stopTracking()

Creates and uses

UserInterface

+ createInterface()
+ displayShipment(shipment: Shipment)

<<interface>> ShippingUpdate

+ previousStatus: String
+ newStatus: String
+ updateTimeStamp: Long

Observes changes in

TrackingSimulator

-shipments: Shipment[]

+ findShipment(id: String): Shipment?
+ addShipment(shipment: Shipment)
+ runSimulation()

Shipment

+ status: String
+ id: String
+ notes: String[]
+ updateHistory: ShippingUpdate[]
+ expectedDeliveryDateTimestamp: Long
+ currentLocation: String

+ addNote (note: String)
+ addUpdate(update: ShippingUpdate)

CreatedUpdate

ShippedUpdate

LocationUpdate

DeliveredUpdate

DelayedUpdate

LostUpdate

CanceledUpdate

NoteAddedUpdate