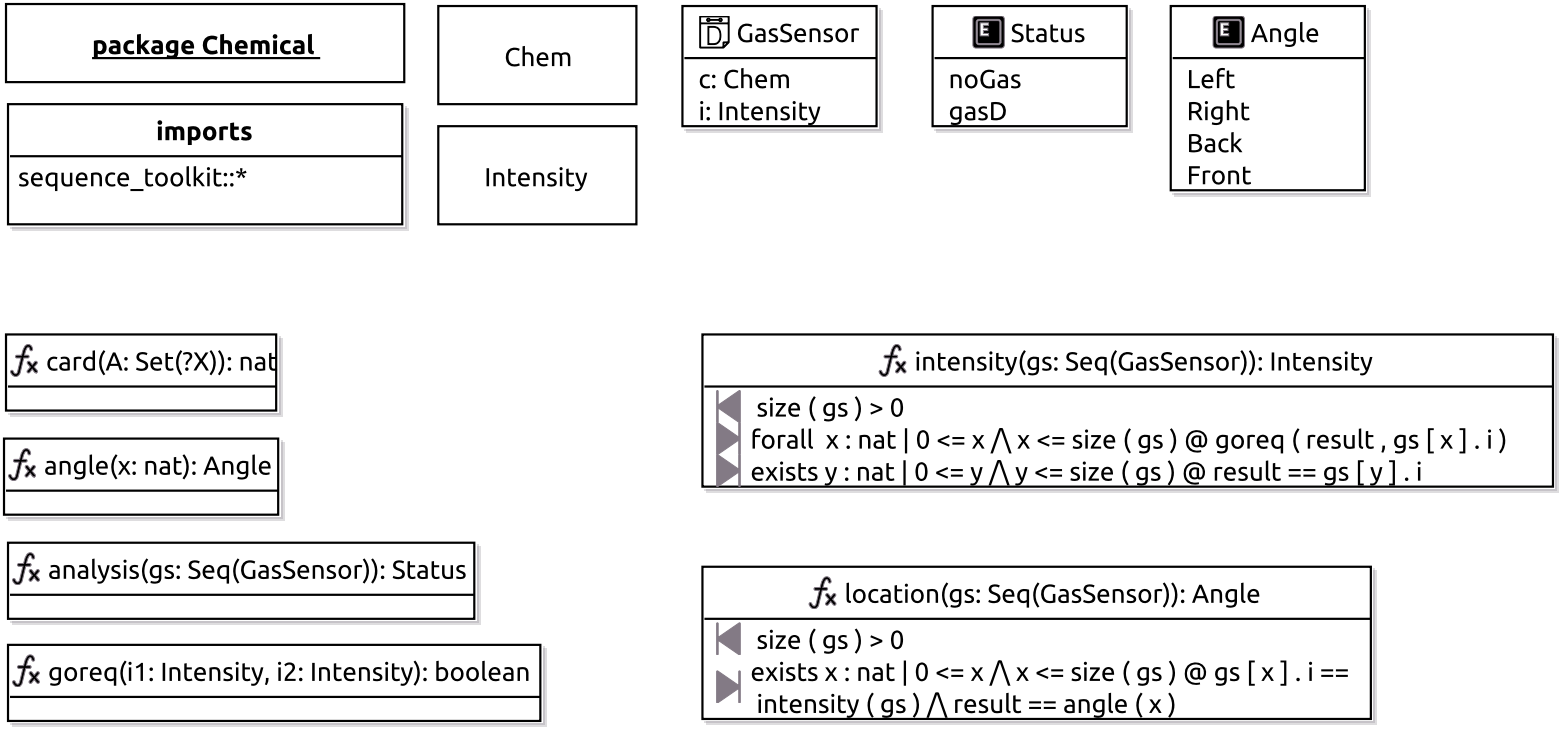
package Chemical
imports
sequence_toolkit::*
Chem
Intensity
GasSensor
c: Chem
i: Intensity
Status
noGas
gasD
Angle
Left
Right
Back
Front
card(A: Set(?X)): nat
angle(x: nat): Angle
analysis(gs: Seq(GasSensor)): Status
goreq(i1: Intensity, i2: Intensity): boolean
intensity(gs: Seq(GasSensor)): Intensity
size (gs) > 0
forall x : nat | 0 <= x /\ x <= size (gs) @ goreq (result , gs [x] . i)
exists y : nat | 0 <= y /\ y <= size (gs) @ result == gs [y] . i
location(gs: Seq(GasSensor)): Angle
size (gs) > 0
exists x : nat | 0 <= x /\ x <= size (gs) @ gs [x] . i ==
intensity (gs) /\ result == angle (x)