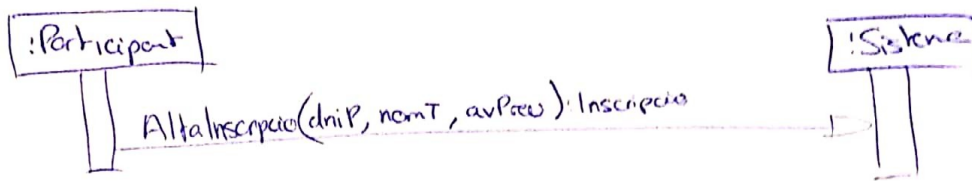


## Alta Inscricao



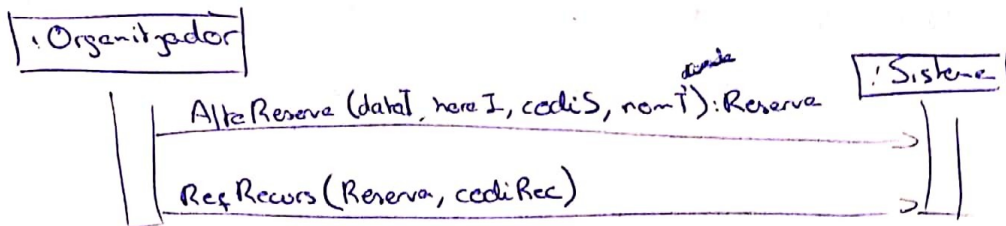
Context: Sistema:: AltaInscricao (dniP: String, nomT: String, avPrew: TPrew): Inscricao

pre: Participant.allInstances()  $\rightarrow$  exists (p | p.dni = dniP) and

Taller.allInstances()  $\rightarrow$  exists (t | t.nom = nomT)

post: Inscricao.allInstances()  $\rightarrow$  exists (i | <sup>exclusivo</sup> i.participant.dni = dniP and  
 i.taller.nom = nomT and  
 if i.hposIns = "InscricaoDePagamento" then  
 not i.pasado ~~false~~ = false and  
 i.avaluacioPrew = avPrew end  
 and result = Inscricao)

## Alta Reserva



Context: Sistema:: AltaReserva (dataI: Date, horaI: Hora, cediS: String, nomT: String): Reserva

Pre: Sala.allInstances()  $\rightarrow$  exists (s | s.cedi = cediS) and

Taller.allInstances()  $\rightarrow$  exists (t | t.nom = nomT)

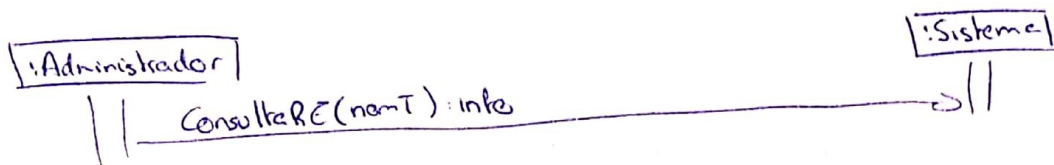
Post: Reserva.allInstances()  $\rightarrow$  exists (r | ~~r.cedi~~ <sup>exclusivo</sup> r.cedi = cediS and  
 r.taller.nom = nomT and  
 r.DataHora.date = dataI and r.DataHora.hora: horaI and  
 result = r)

Context: Sistema:: RegRekurs (reserva: Reserva, cediRec: String)

Pre: Recurs.allInstances()  $\rightarrow$  excludes (r | r.cedi = cediRec)

Post: Recurs.allInstances()  $\rightarrow$  exists (r | ~~r.cedi~~ <sup>exclusivo</sup> r.cedi = cediRec and ~~reserva~~ <sup>exclusivo</sup> r.reserva = reserva  
 and r.cedi = cediRec and result = r).

# Consulta ReservasEnloren



Context: Sistema :: ConsultarE (nomT : String) : Set (Tuple Type (cediS : String, data : Date, hora : Hora, correuP : Set (String)))

pre: Taller.allInstances() → exists(f | f.nom = nomT)

Inscripcio.allInstances() → select(i | i.tiposIns = "InscripcioDePagament") then

i.OCLIsTypeOf(InscripcioDePagament) and

i.OCLAsType(InscripcioDePagament).pagada and

i.OCLAsType(InscripcioDePagament).avaluacioPew = Taller :: horat and if) →

size() ≥ 3

body:

let R : Set (Reserva) = Reserva.allInstances() → select(r | r.taller.nomT and r.valbracio → select(

v | v.puntuacio = T.puntuacio :: S) → size() ≥ 5)

In

result = R → collect(f | Tuple { cediS = r.sale.cedi, data = r.data, hora = r.data.hora, hora,

correuP = r.taller.participant.correuE })