```
e:int id
  e:intid
                                    ready[e]?
  idToTask(e).P <= front().P
                                    enqueue(idToTask(e)), t = 0
  ready[e]?
                                                                                                        Free
   enqueue(idToTask(e))
                                                                          t == getSwitch()
                                                                                                                                e:intid
                               SwitchingFree
                                                                          resetSwitch()
                                                                                                                                e == front().id && len - 1 == 0
                               t <= getSwitch()
                                                                                                                                release[e]?
                                                                                                                                dequeue()
                                            e:intid
                                                                                                 run[front().id]!
                                            e == front().id \&\& len - 1 > 0
e:intid
                                                                                                 running = front().id
                                            release[e]?
idToTask(e).P > front().P
                                            dequeue(), t = 0
                                                                                                 Occ
ready[e]?
enqueue(idToTask(e))
                                                                            e:intid
                                                                            ready[e]?
                                                                                                           run[front().id]!
                                                               enqueue(idToTask(e))
                                                                                                            running = front().id
                                                                                      running == front().id
                                                              running != front().id
                                                                                                            t == getSwitch()
                                                               stop!
                                                               t = 0
                                                                                                         resetSwitch()
                                                                            e:intid
                                                                                                                   e:int id
                                                             idToTask(e).P > front().P
                                                                                                           idToTask(e).P <= front().P
                                                                            ready[e]?
                                                                                                                   ready[e]?
                                                                                                             enqueue(idToTask(e))
                                                               enqueue(idToTask(e))
                                                               incSwichLen()
                                                                                       SwitchingRunning
                                                                                       t <= getSwitch()
```