map::Cell
+ x
+ y
+ isObstacle
+ Cell()
+ Cell()
+ Cell()
+ operator==()
+ operator=()

-dropoff

TaskGroup
- capacity
- pickup_points
- stop_times
- dropoff_stop_time
+ TaskGroup()
+ TaskGroup()
+ getCapacity()
+ getPickupLocation()
+ getDropoffLocation()
+ getPickupPoints()
+ getPickupStopTime()
+ getDropoffStopTime()
+ setPickupPoints()
+ setStopTimes()
+ getNumTasks()
+ operator[]()
+ operator==()

-position
-startPos

-tasks

Agent
- id
- capacity
- accessibleCapacity
- path
- illicits
- idle
+ Agent()
+ Agent()
+ ~Agent()
+ getId()
+ getCapacity()
+ getAccessibleCapacity()
+ getPath()
+ getPosition()
+ getStartPosition()
+ getTask()
+ getIllicits()
+ assignTask()
+ clearTask()
+ assignPath()
+ clearPath()
+ setIdle()
+ isIdle()
+ addIllicitCell()
+ operator==()
+ move()

+agent

WCA_Agent
+ W
+ K
- waypoints
- currentWaypointIndex
+ WCA_Agent()
+ getCurrentPath()
+ getCurrentWaypointIndex()
+ atCurrentWaypoint()
+ getWaypoints()
+ incrementWaypointIndex()
+ clearWaypoints()
+ clearCurrentWayPointIndex()
+ reachedCurrentWaypoint()
+ setWaypoints()
+ finished()
+ operator==()