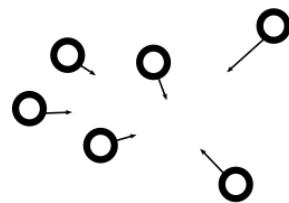
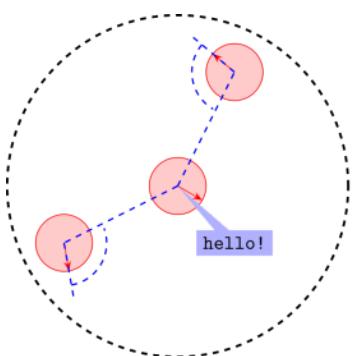




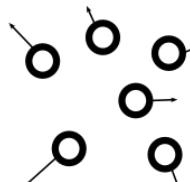
Part 2: Arm swarm behavior

Within '[aimrantw/icra24_tutorial:init_robots_tutorial](#)' docker:

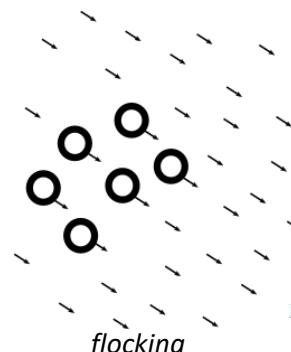
- source dingo_exploration_ws/devel/setup.bash
- roslaunch dingo_buzz gen3_lite_swarm_<real/sim>.launch
- roslaunch dingo_buzz pybuzz.launch
- cd dingo_exploration_ws/src/pybuzz/buzz_scripts/
- gedit tutorial.bzz



aggregation



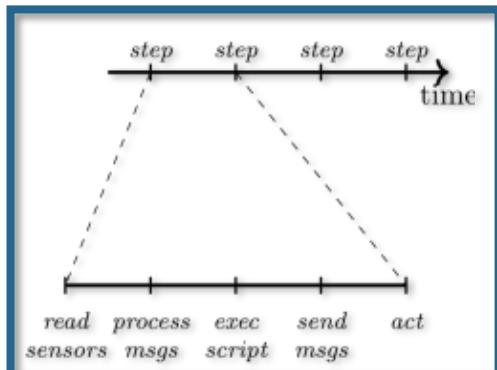
dispersion



flocking

Iteration (rid is the neighbor's id)

```
neighbors.foreach(function(rid, data) {
    log("robot ", rid, ":", "distance = ", data.distance, ", ",
        "azimuth = ", data.azimuth, ", ", "elevation = ", data.elevation) })
```



Creates a new vector2 cartesian or polar

```
new_vec = math.vec2.new(x, y)
```

```
new_vec = math.vec2.newp(lenght, angle)
```

Creates a new vector3 cartesian or polar

```
new_vec = math.vec3.new(x, y, z)
```

```
new_vec = math.vec3.newp(lenght, azimuth, elevation)
```



PART2



INSTRUCTIONS



buzz()

