

AUTONOMOUS SYSTEMS
2018/2019

EKF-SLAM (2)

With ITER + visual markers

Grupo 4

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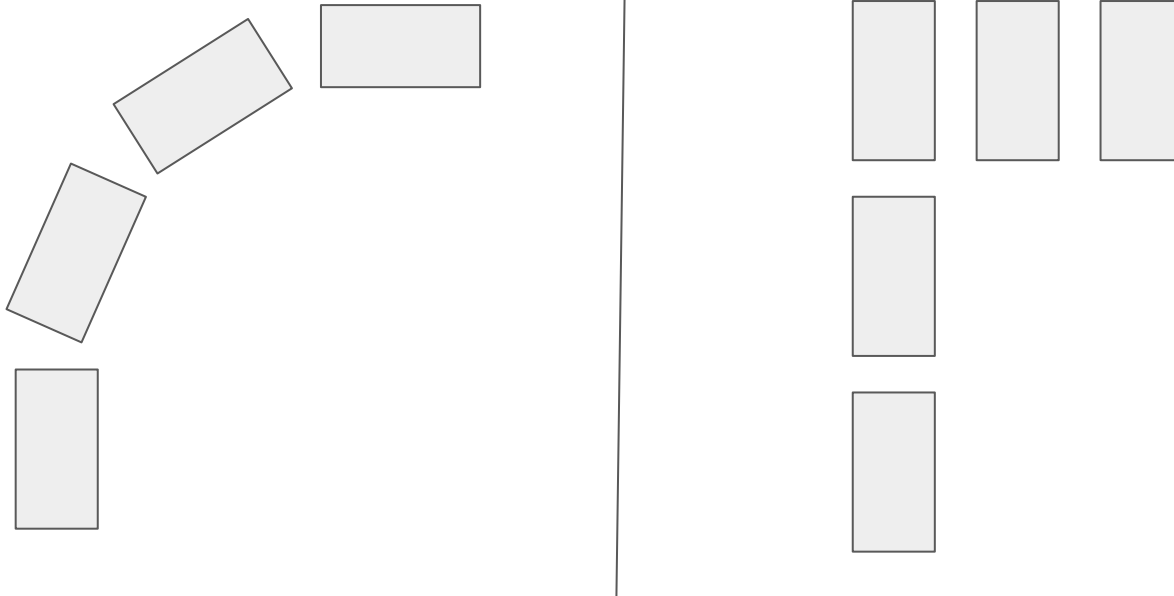
Updates so far

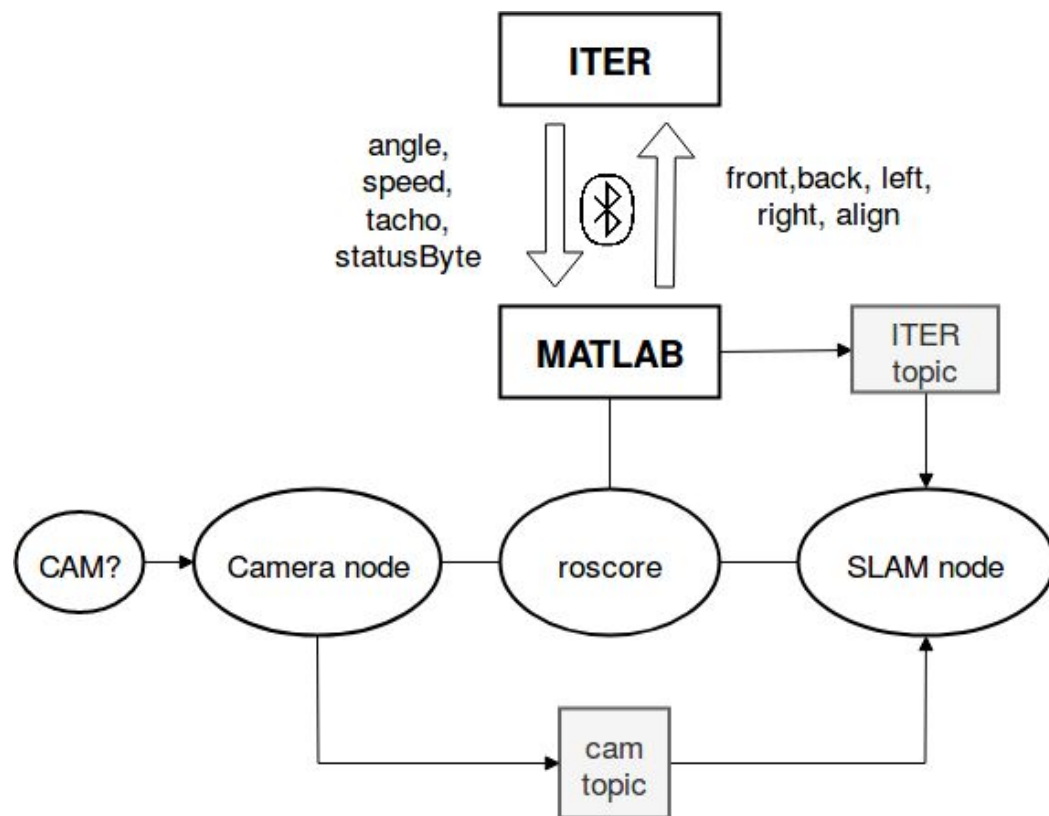
- Our 2 non-linux users were able to connect to ITER through Bluetooth



- But we created a simple program for ITER to move!

Trajectory: what provokes less error?





Plan

29-4 Nov	Identify landmarks. Define trajectory.
5-11 Nov	Implement EKF-SLAM. (using simulator)
12-18 Nov	Implement EKF-SLAM. (using simulator)
19-25 Nov	Test the algorithm. Evaluate landmarks, their setting and define how many to use.
26-2 Dec	Final tests. Understand restrictions of the method. Focus on report.
3-9 Dec	Poster + Report final touches (Deadline 9 Dec)

Questions

- Where is the webcam now? Where will the webcam be? Connects to what?
Does it spin?
- Landmarks provide any location information? Or are just symbols?