

Exercise Session 5

Theory

- Service calls

Exercise

Use the same node as before and add a service call which can start/stop the robot. This functionality could be used as an emergency stop.

1. Implement a service call that can start and stop the robot. Use `std_srvs/SetBool` for this task.

OPTIONAL

1. Create a separate node that stops the robot if it is too close to an obstacle. Use the service you implemented above.

Evaluation

- ☐ Stop Husky using the service call. [50%]
- ☐ Start Husky using the service call. [50%]
- ☐ Optional: Automatically triggered emergency stop when too close to an obstacle [50%]