

LAB3

lab3 package

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eater.py
/eater_turtle/eater_node

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Publisher
/eater_turtle/cmd_vel: geometry_msgs/msg/Twist
/eater_turtle/eat_status: std_msgs/msg/Bool

Subscriber
/eater_turtle/pizza_count: std_msgs/msg/Int64
/eater_turtle/pose: turtlesim/msg/Pose
/mouse_position: geometry_msgs/msg/Point

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Service Server
/eater_turtle/set_controller_param: controller_interfaces/srv/SetParam
/eater_turtle/set_max_pizza: controller_interfaces/srv/SetMaxPizza

Service Client
/eater_turtle/eat: std_srvs/srv/Empty
/spawn_pizza: turtlesim_plus_interfaces/srv/GivePosition
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killer.py
/killer_turtle/killer_node

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Publisher
/killer_turtle/cmd_vel: geometry_msgs/msg/Twist

Subscriber
/eater_turtle/eat_status: std_msgs/msg/Bool
/eater_turtle/pose: turtlesim/msg/Pose
/killer_turtle/pose: turtlesim/msg/Pose

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Service Server
/killer_turtle/set_controller_param: controller_interfaces/srv/SetParam

Service Client
/remove_turtle: turtlesim/msg/Kill
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turtlesim_plus package

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turtlesim_plus_node.py
/turtlesim_plus

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Publisher
/eater_turtle/pizza_count: std_msgs/msg/Int64
/eater_turtle/pose: turtlesim/msg/Pose
/killer_turtle/pizza_count: std_msgs/msg/Int64
/killer_turtle/pose: turtlesim/msg/Pose
/mouse_position: geometry_msgs/msg/Point

Subscriber
/eater_turtle/cmd_vel: geometry_msgs/msg/Twist
/killer_turtle/cmd_vel: geometry_msgs/msg/Twist

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Service Server
/eater_turtle/eat: std_srvs/srv/Empty
/killer_turtle/stop: std_srvs/srv/Empty
/killer_turtle/stop: std_srvs/srv/Empty
/remove_turtle: turtlesim/srv/Kill
/spawn_pizza: turtlesim_plus_interfaces/srv/GivePosition
/spawn_turtle: turtlesim/srv/Spawn

Service Client
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Terminal

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Publisher

Subscriber

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Service Server

Service Client
/eater_turtle/set_controller_param: controller_interfaces/srv/SetParam
/eater_turtle/set_max_pizza: controller_interfaces/srv/SetMaxPizza
/killer_turtle/set_controller_param: controller_interfaces/srv/SetParam
```

