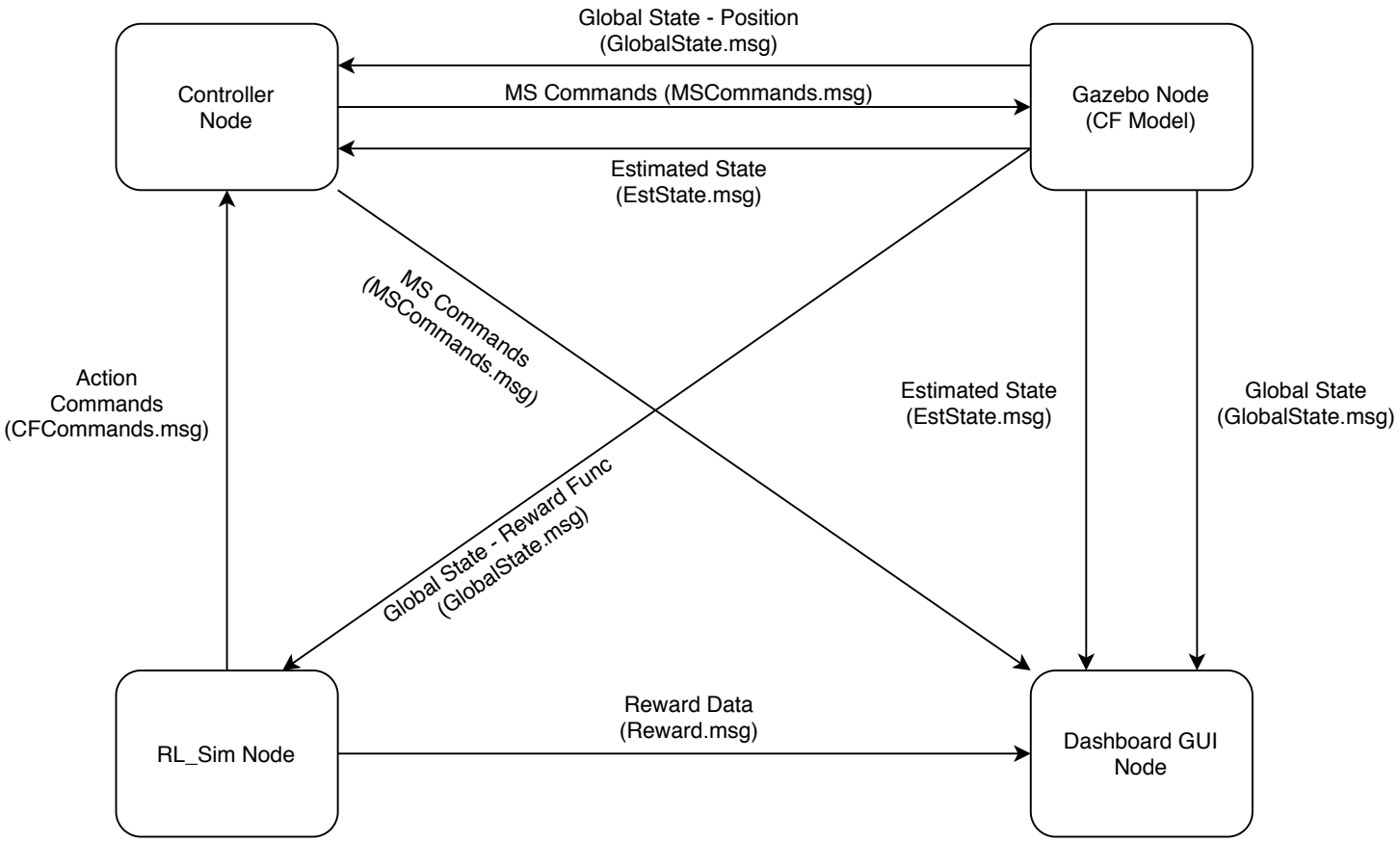
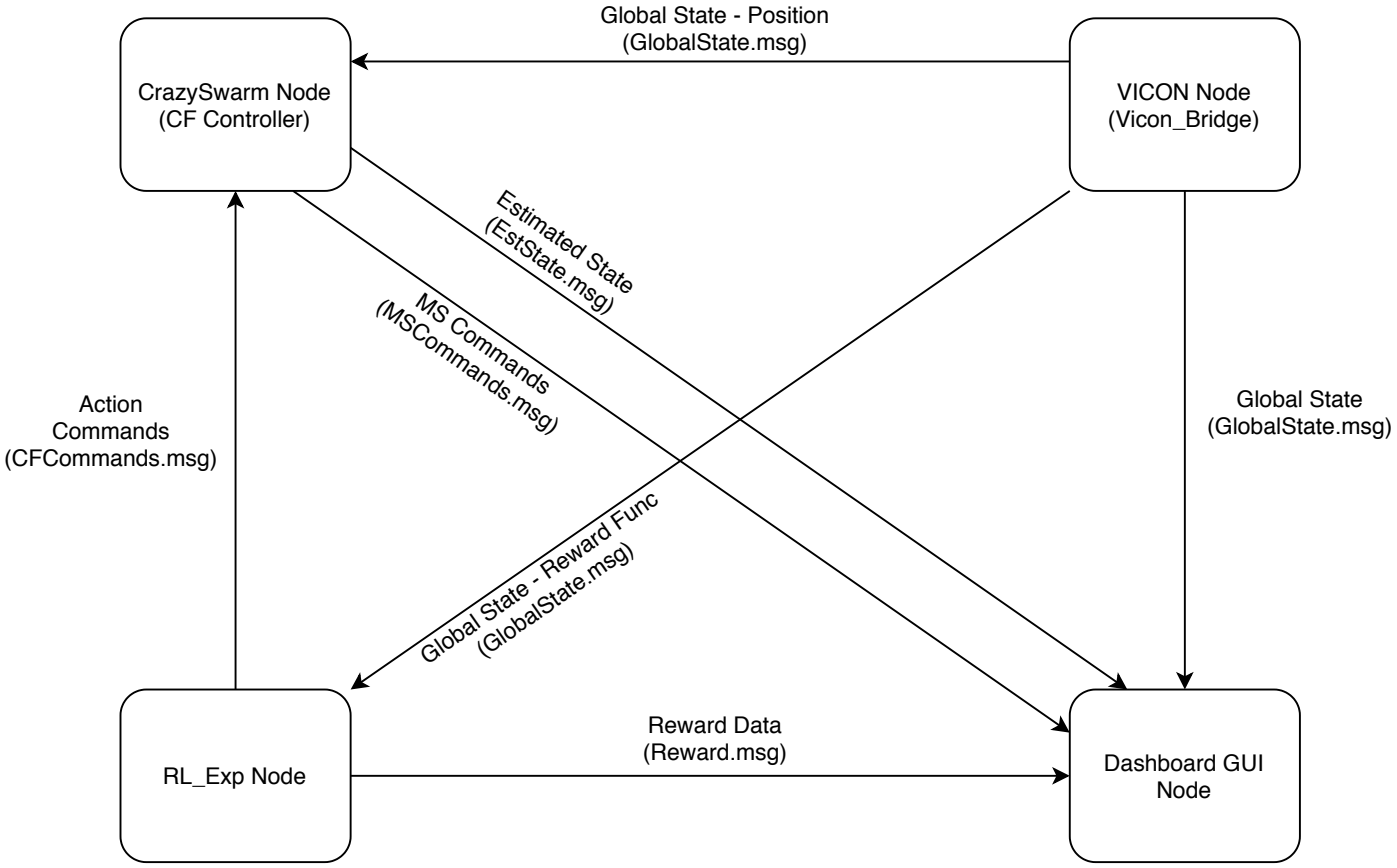
ROS Network - Simulation



ROS Network - Experiment



Global State
(GlobalState.msg)

- std_msgs/Header
- geometry_msgs/Pose
  - position
  - orientation
- geometry_msgs/Twist
  - linear
  - angular

Reward Data
(Reward.msg)

- std_msgs/UInt8 k_ep
- std_msgs/UInt8 k_run
- std_msgs/Float32 reward
- std_msgs/Float32 reward_avg

MS Commands
(MSCommands.msg)

- std_msgs/Float32[] motorspeeds

Estimated State
(EstState.msg)

- std_msgs/Header?
- geometry_msgs/Quaternion orientation
- geometry_msgs/Vector3 angular_velocity
- geometry_msgs/Vector3 linear_acceleration
-
- Future OF Stuff

Action
Commands
(CFCommands.msg)

- std_msgs/UInt8 cmd_type
- std_msgs/Vector3 ctrl_vals
- std_msgs/UInt8 ctrl_flag