Create domain participant

```
// arguments: (domain id, participvant name)

DefaultParticipant dp(0, "quadcopter_controller");
```

Create publisher

```
// create publisher [Arguments: (message type, topic name, domain participant)]

DDSPublisher motor_cmd_pub(QuadMotorCommandPubSubType(),"motor_commands",dp.participant())

// initialize subscriber

motor_cmd_pub.init();
```

Create subscriber

```
// create subscriber [Parameters: (message type, topic name, domain participant)]

DDSSubscriber mocap_sub(MocapPubSubType(), "mocap_pose", dp.participant());

// initialize subscriber

mocap_sub.init();
```

Publishing

```
// create message

msgs::QuadMotorCommand motor_cmd{}

// synschronous publishing

motor_cmd_pub.publish(motor_cmd);
```