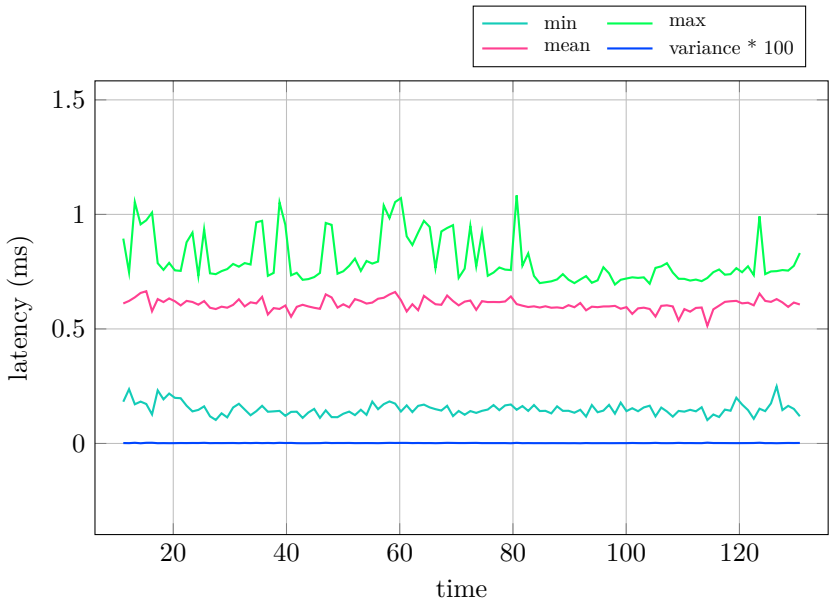
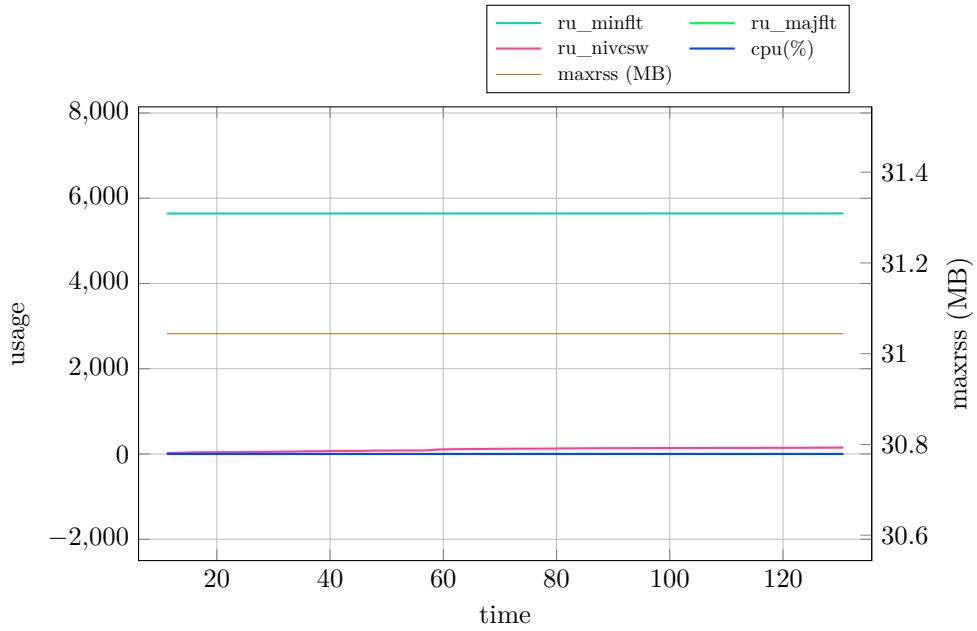
Performance

Logfile name	log_test_topic_01-12-2020_09-43-10
Experiment id	6f1eb7fa-b43d-418b-964f-f41234fd0947
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.021
received	247.5
sent	49.5169
lost	0.0
relative_loss	0.0
data_received	131204174.4237
latency_min (ms)	0.1499
latency_max (ms)	0.8027
latency_mean (ms)	0.6068
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.1627
pub_loop_res_max (ms)	19.803
pub_loop_res_mean (ms)	19.3101
pub_loop_res_variance (ms)	0.0
sub_loop_res_min (ms)	0.0
sub_loop_res_max (ms)	0.0
sub_loop_res_mean (ms)	0.0
sub_loop_res_variance (ms)	0.0
cpu_usage (%)	1.2441

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0