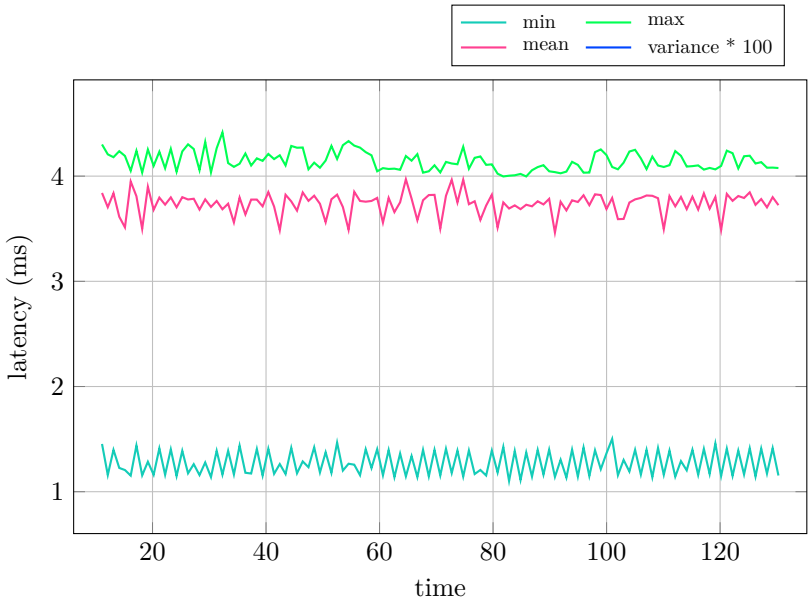
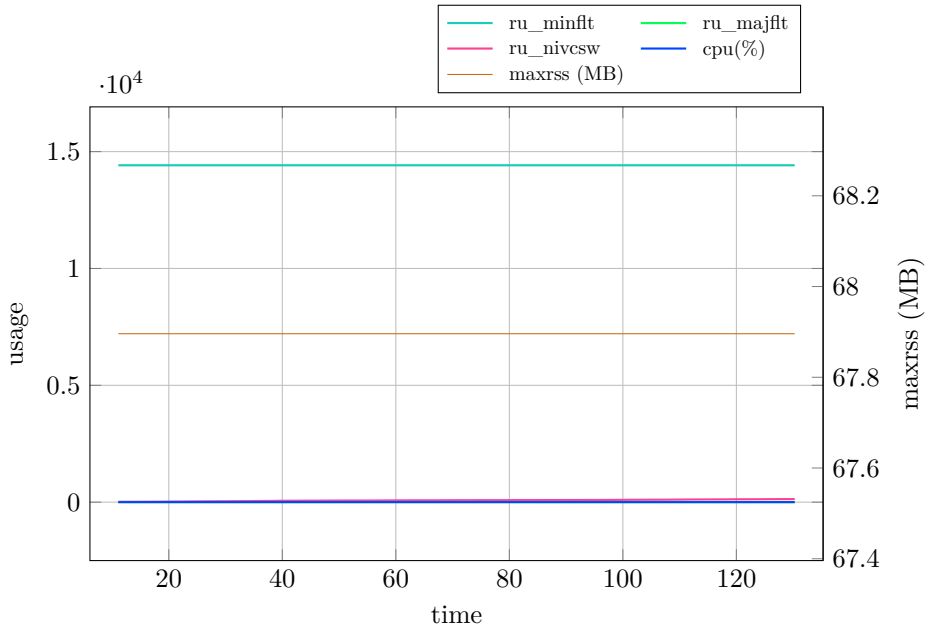
Performance

Logfile name	log_test_topic_28-11-2020_23-30-22
Experiment id	f9e33ded-3141-4e20-8720-6098f47ad61b
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0097
received	49.4958
sent	49.4958
lost	0.0
relative_loss	0.0
data_received	209759961.7563
latency_min (ms)	1.2711
latency_max (ms)	4.1426
latency_mean (ms)	3.7387
latency_variance (ms)	0.0006
pub_loop_res_min (ms)	18.1435
pub_loop_res_max (ms)	19.4386
pub_loop_res_mean (ms)	18.3718
pub_loop_res_variance (ms)	0.0001
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 (%)	1.6927

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud4m
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0