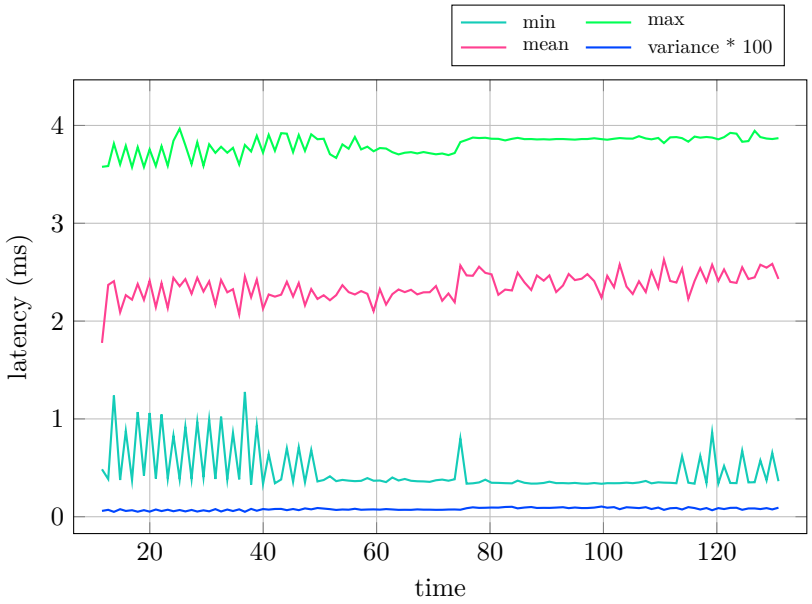
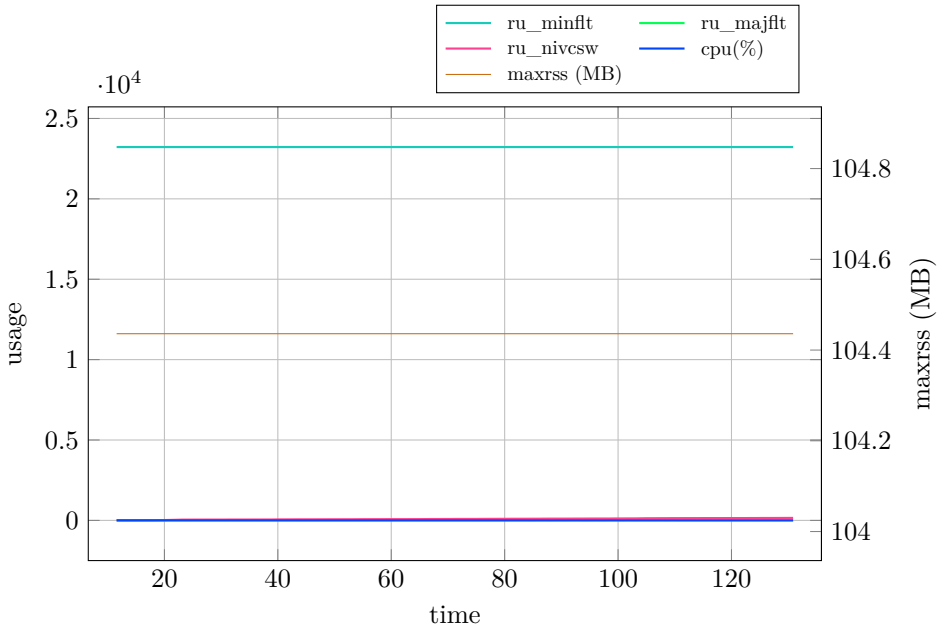
Performance

Logfile name	log_test_topic_28-11-2020_21-03-11
Experiment id	79ac3214-0057-44c7-9791-ec5b9aa33766
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
Topic name	test_topic
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0836
received	95.0811
sent	9.5135
lost	0.0
relative_loss	0.0
data_received	104935128.5766
latency_min (ms)	0.4708
latency_max (ms)	3.804
latency_mean (ms)	2.3523
latency_variance (ms)	0.0008
pub_loop_res_min (ms)	99.1915
pub_loop_res_max (ms)	99.6869
pub_loop_res_mean (ms)	99.2968
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 (%)	1.3537

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud1m
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