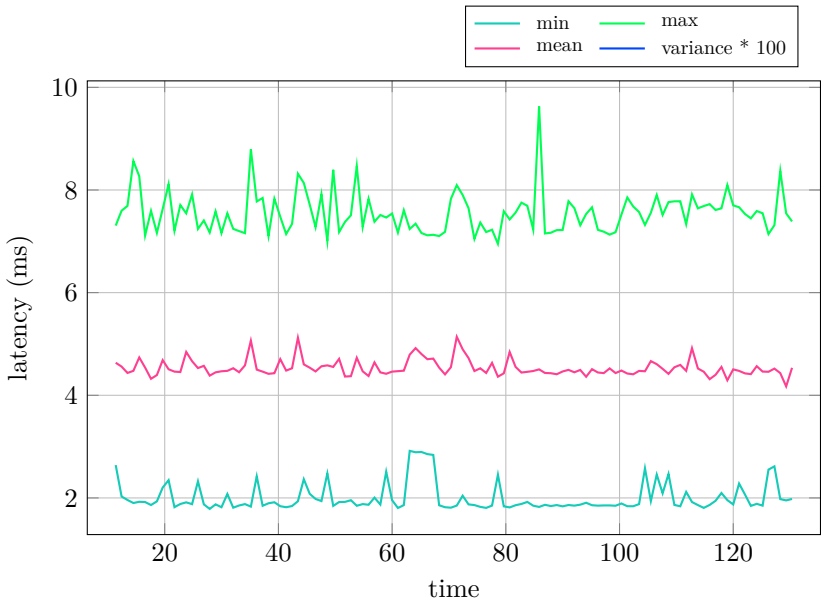
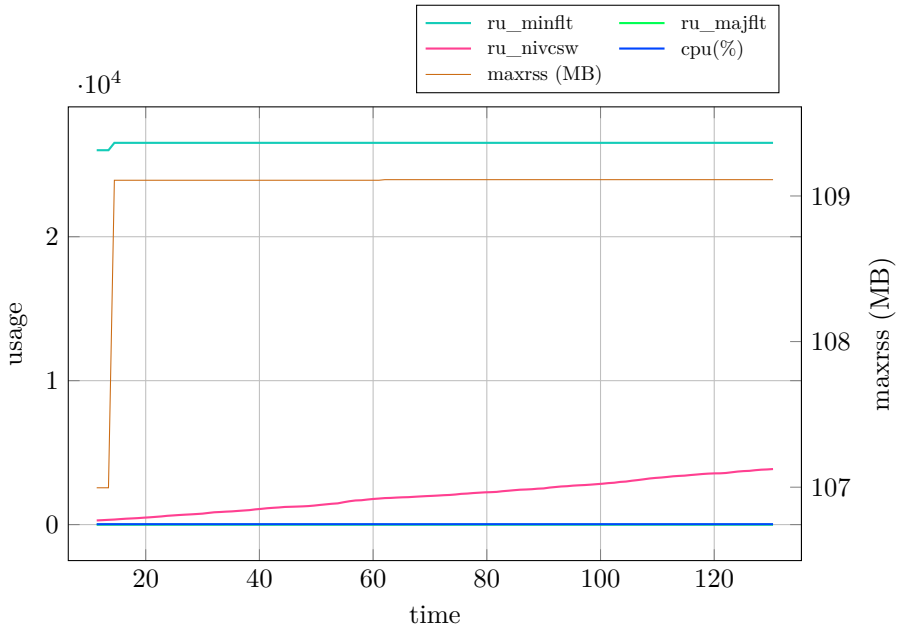
Performance

Logfile name	log_test_topic_29-11-2020_21-30-46
Experiment id	2db8abd8-9e01-429a-bdc0-c35227ea14d2
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0342
received	2508.5345
sent	499.4914
lost	2481.7241
relative_loss	4.9688
data_received	5272364537.1293
latency_min (ms)	2.0057
latency_max (ms)	7.5553
latency_mean (ms)	4.5327
latency_variance (ms)	0.0013
pub_loop_res_min (ms)	-0.0266
pub_loop_res_max (ms)	0.949
pub_loop_res_mean (ms)	0.5538
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 (%)	26.8255

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_ecal_dynamic_cpp
Roundtrip Mode	NONE
With security	0