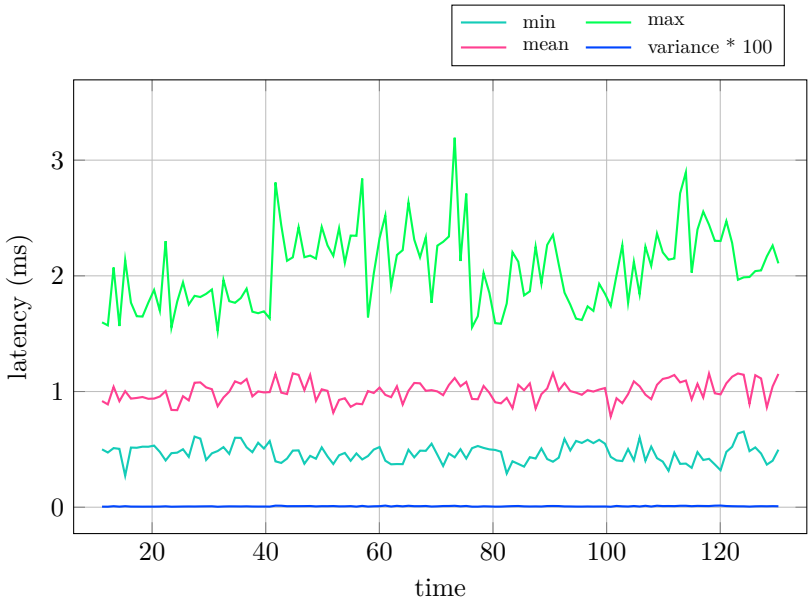
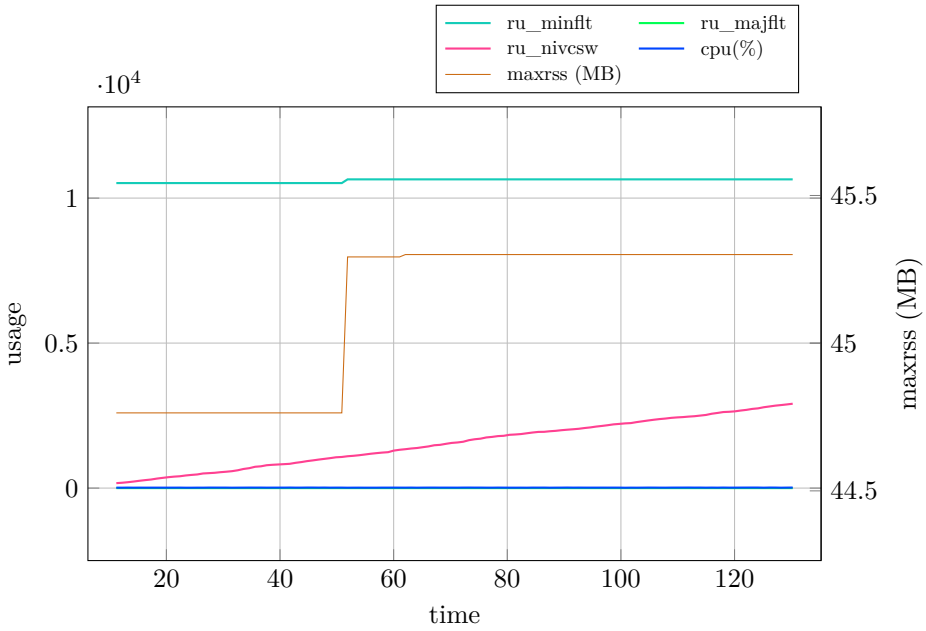
Performance

Logfile name	log_test_topic_29-11-2020_21-26-10
Experiment id	36d1f429-99a8-48f5-8b6b-48c50c5c8ad0
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	1.0172
received	4994.9237
sent	499.5
lost	0.0
relative_loss	0.0
data_received	2623754903.0085
latency_min (ms)	0.4653
latency_max (ms)	2.0567
latency_mean (ms)	1.0018
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	1.3835
pub_loop_res_max (ms)	1.7335
pub_loop_res_mean (ms)	1.6095
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 (%)	15.5863

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
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