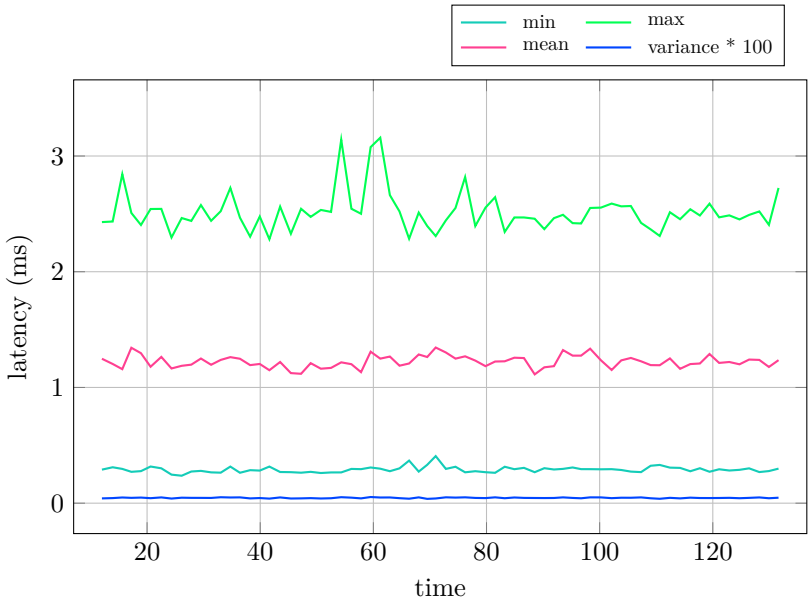
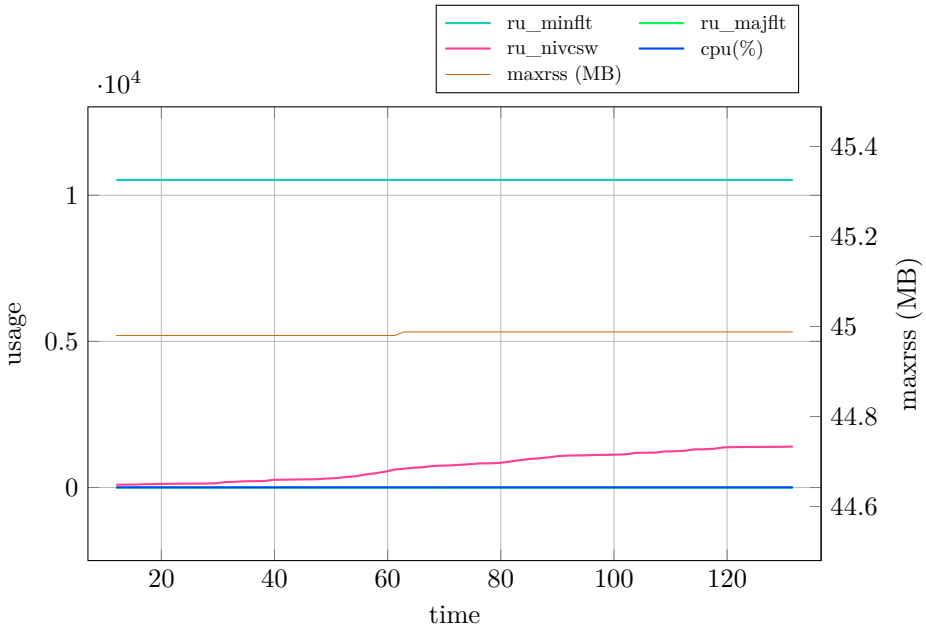
Performance

Logfile name	log_test_topic_28-11-2020_19-33-12
Experiment id	331a79f9-3b73-4b2b-8dde-b554fa2bc60e
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	1.7312
received	95.1
sent	9.5286
lost	0.0
relative_loss	0.0
data_received	52495848.4286
latency_min (ms)	0.2899
latency_max (ms)	2.516
latency_mean (ms)	1.2234
latency_variance (ms)	0.0005
pub_loop_res_min (ms)	99.2027
pub_loop_res_max (ms)	99.7864
pub_loop_res_mean (ms)	99.5064
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 (%)	4.7702

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