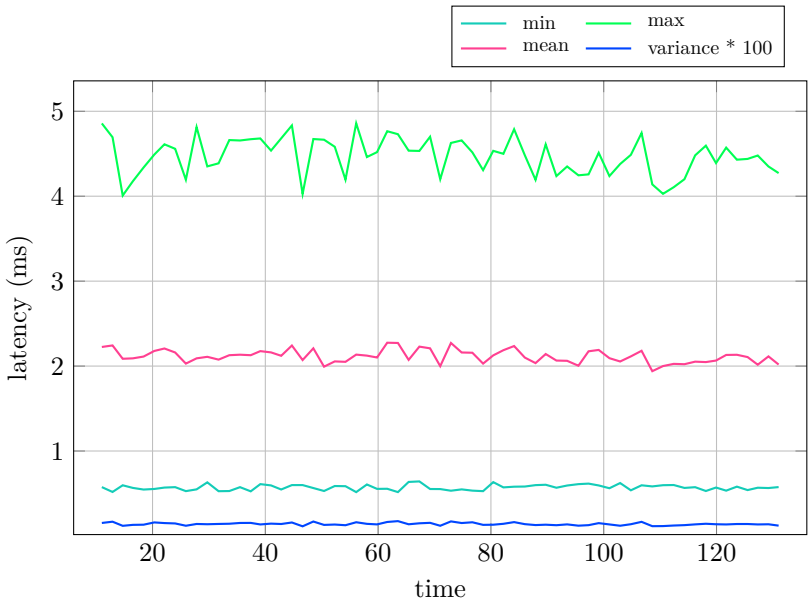
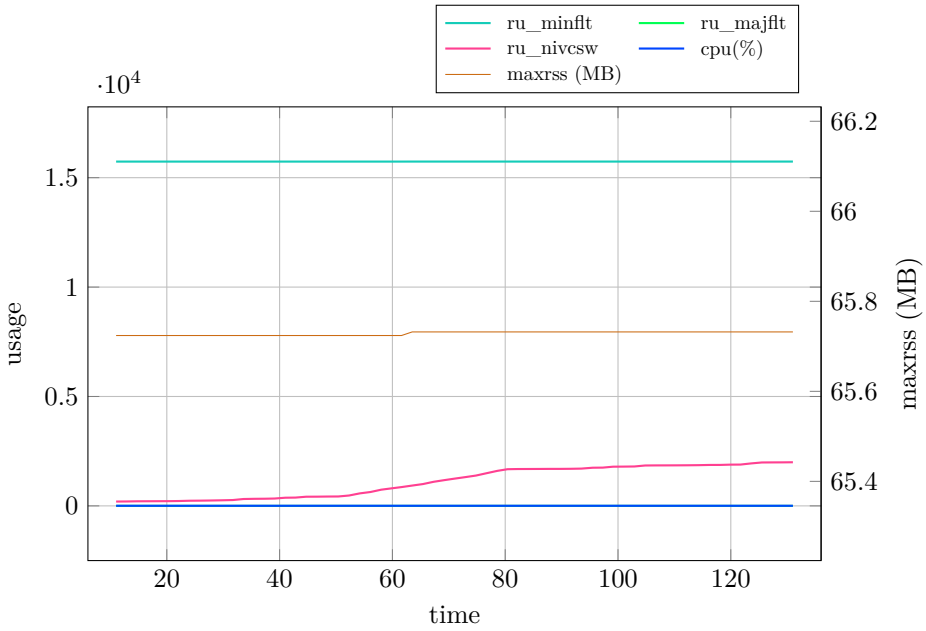
Performance

Logfile name	log_test_topic_28-11-2020_19-19-15
Experiment id	a2ccda8e-9858-4a72-9f66-6795f7d66e36
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	1.8736
received	95.1846
sent	9.4769
lost	0.0
relative_loss	0.0
data_received	104860331.0154
latency_min (ms)	0.5707
latency_max (ms)	4.4736
latency_mean (ms)	2.116
latency_variance (ms)	0.0014
pub_loop_res_min (ms)	98.9418
pub_loop_res_max (ms)	99.6674
pub_loop_res_mean (ms)	99.3038
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 (%)	5.2698

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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