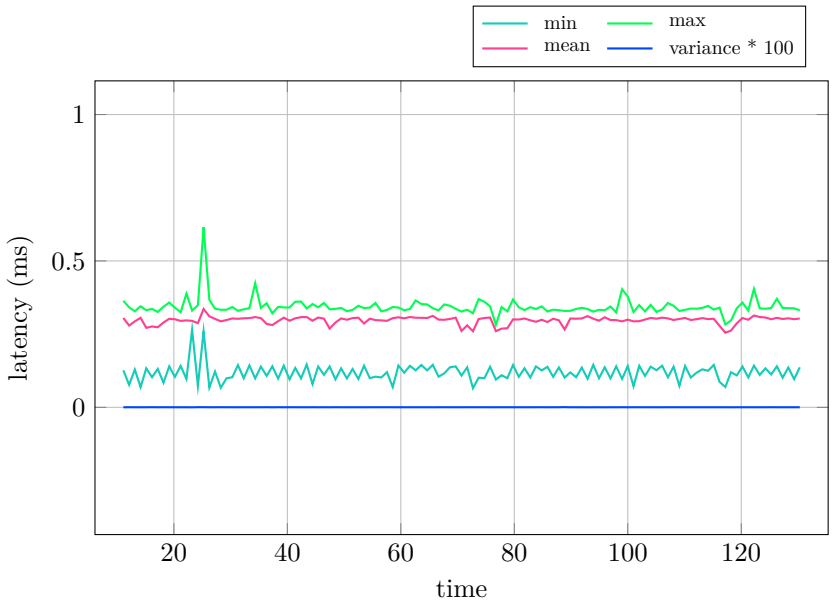
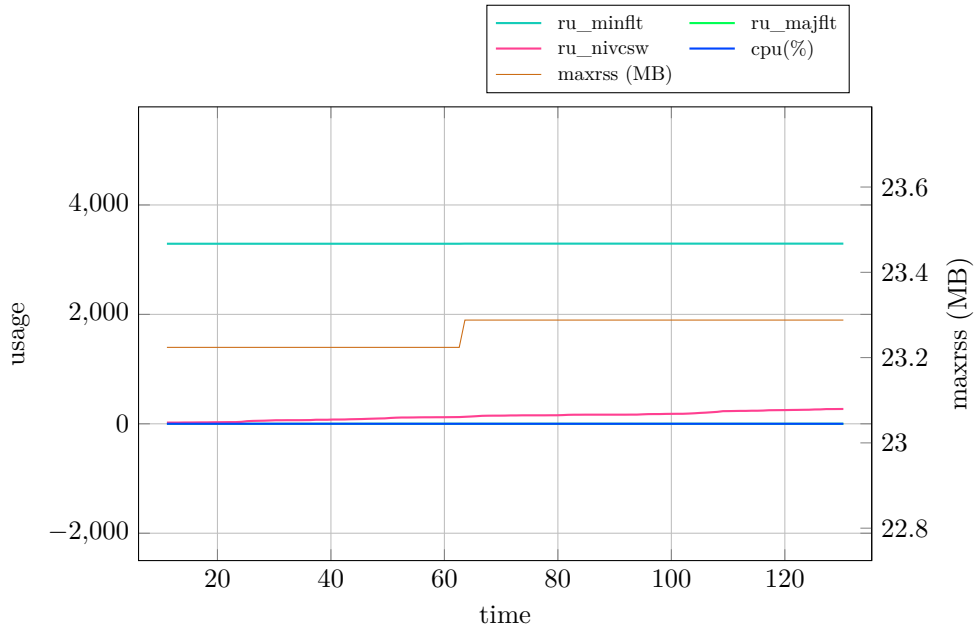
Performance

Logfile name	log_test_topic_28-11-2020_21-36-04
Experiment id	d2b671d0-60df-42a5-89c7-192bbe71ad97
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.01
received	49.5042
sent	49.5126
lost	0.0
relative_loss	0.0
data_received	820016.7815
latency_min (ms)	0.1186
latency_max (ms)	0.3436
latency_mean (ms)	0.2972
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.5892
pub_loop_res_max (ms)	19.8803
pub_loop_res_mean (ms)	19.6792
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 (%)	0.8166

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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