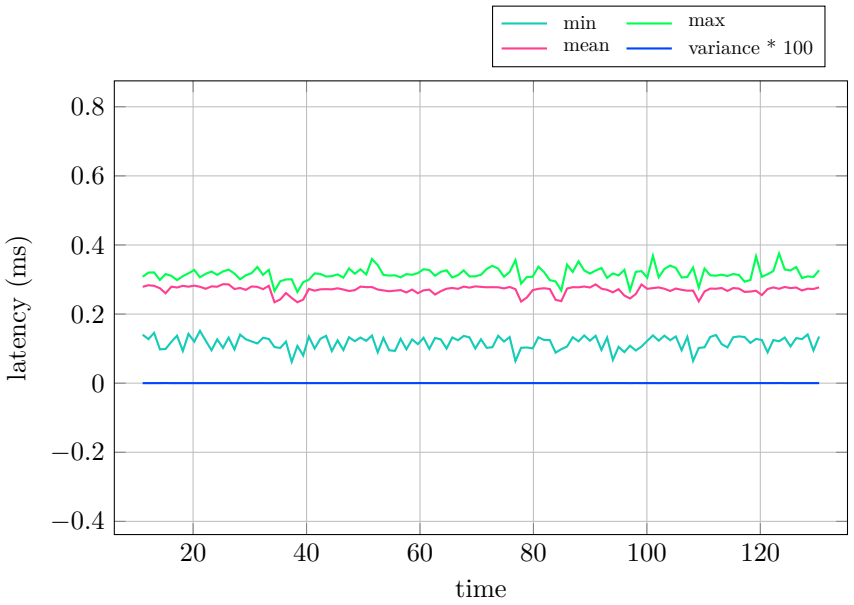
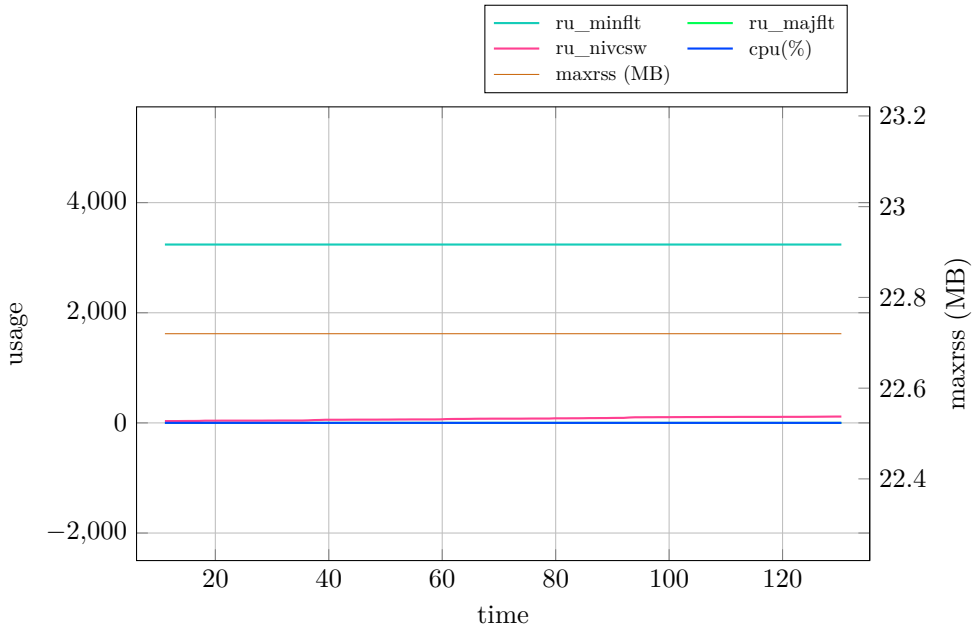
Performance

Logfile name	log_test_topic_28-11-2020_21-31-28
Experiment id	abe0e5c2-cd0d-4ac5-9cf4-2b94fdabb16a
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	1.0104
received	49.5294
sent	49.5378
lost	0.0
relative_loss	0.0
data_received	51999.7395
latency_min (ms)	0.1168
latency_max (ms)	0.3167
latency_mean (ms)	0.2701
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.6582
pub_loop_res_max (ms)	19.8752
pub_loop_res_mean (ms)	19.7248
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 (%)	0.7838

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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