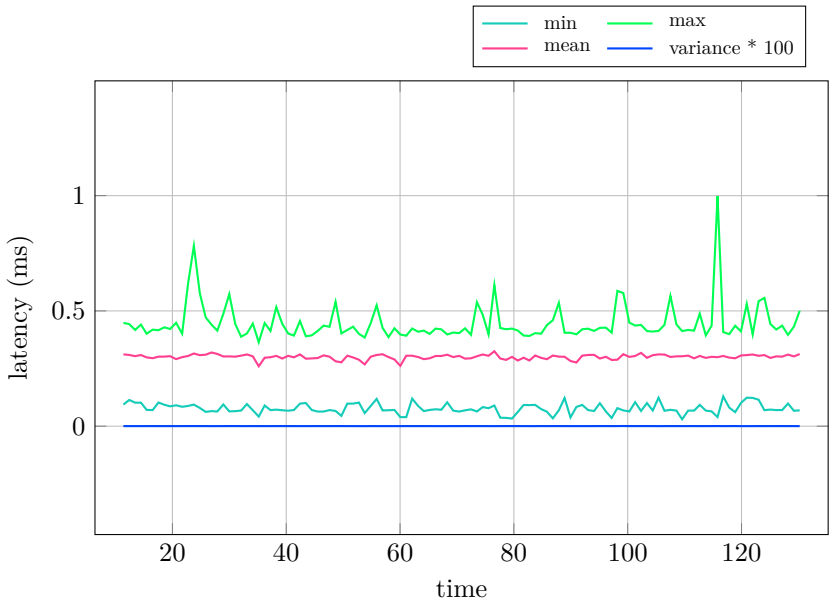
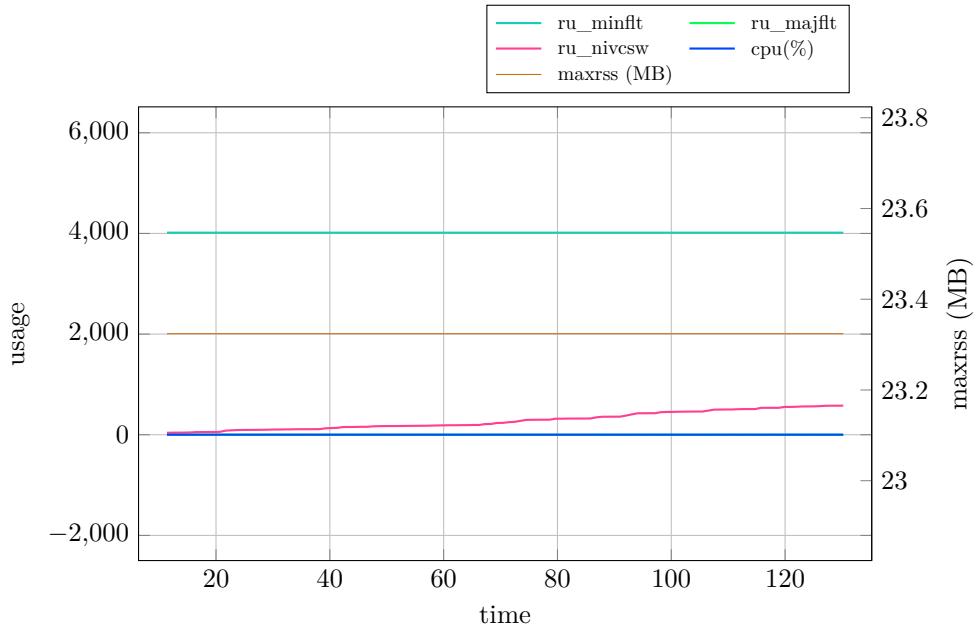
Performance

Logfile name	log_test_topic_29-11-2020_10-31-53
Experiment id	b0b27a70-5c70-4c24-aa3f-20c5050869b6
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0331
received	247.4483
sent	49.5259
lost	0.0
relative_loss	0.0
data_received	19998.1121
latency_min (ms)	0.0768
latency_max (ms)	0.4468
latency_mean (ms)	0.3005
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.5987
pub_loop_res_max (ms)	19.9003
pub_loop_res_mean (ms)	19.702
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 (%)	1.6558

environment

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