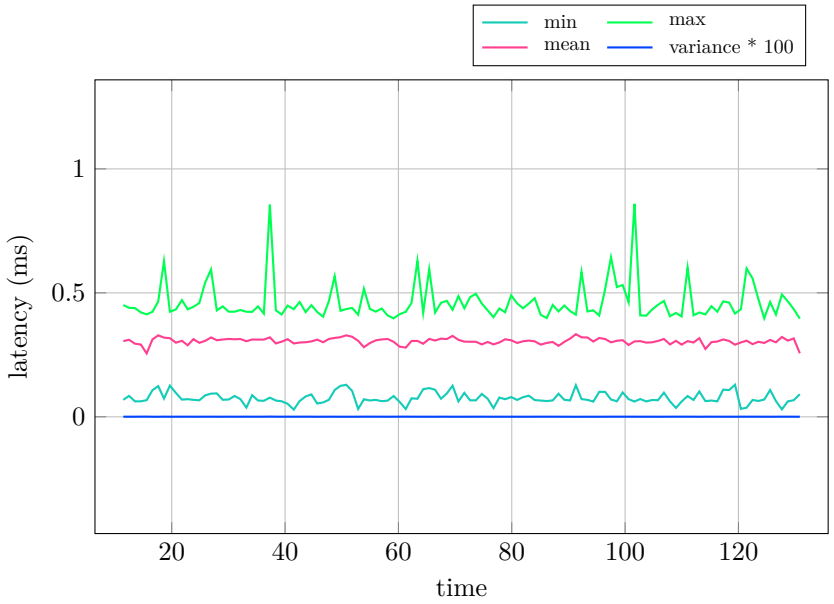
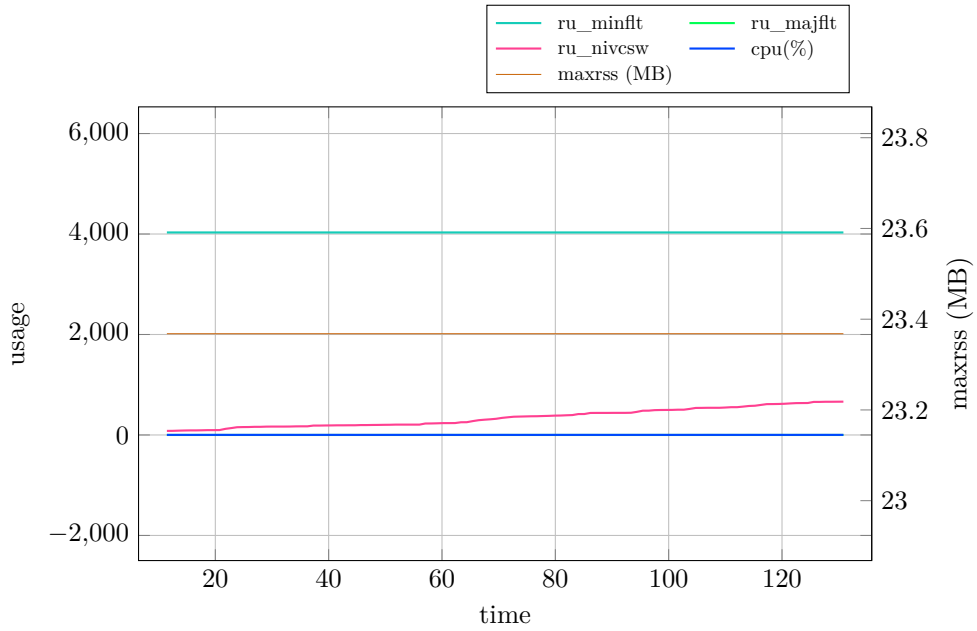
Performance

Logfile name	log_test_topic_29-11-2020_09-57-17
Experiment id	8276301b-0212-4548-b754-f2ef666719d4
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	1.038
received	247.5
sent	49.5345
lost	0.0
relative_loss	0.0
data_received	260024.7672
latency_min (ms)	0.0759
latency_max (ms)	0.4611
latency_mean (ms)	0.305
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.6772
pub_loop_res_max (ms)	19.9
pub_loop_res_mean (ms)	19.7816
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 (%)	1.6776

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