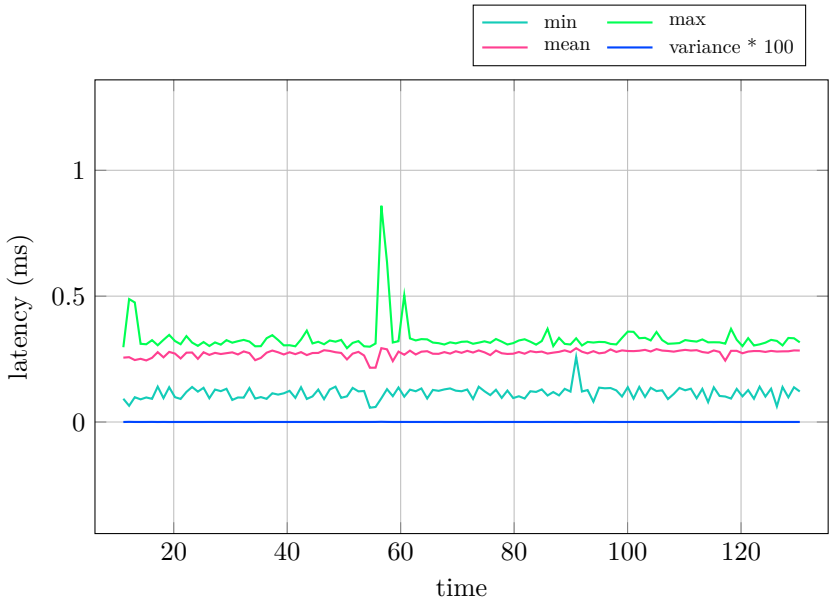
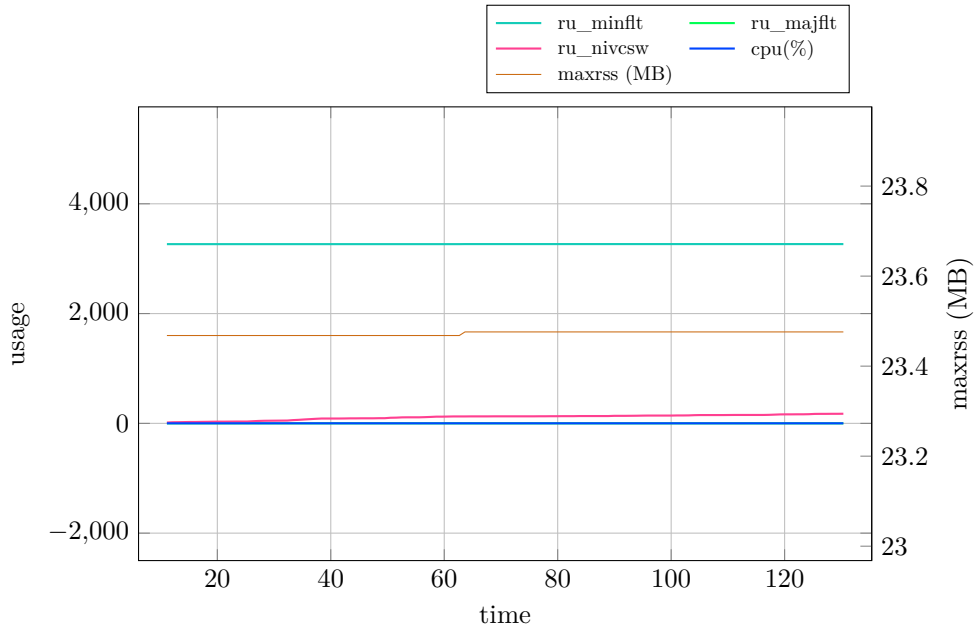
Performance

Logfile name	log_test_topic_28-11-2020_21-33-46
Experiment id	dc49611a-60e6-4fb4-b3fb-76e10000edf0
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	49.5042
lost	0.0
relative_loss	0.0
data_received	205667.8908
latency_min (ms)	0.1147
latency_max (ms)	0.3313
latency_mean (ms)	0.2738
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.6818
pub_loop_res_max (ms)	19.8755
pub_loop_res_mean (ms)	19.7556
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 (%)	0.8045

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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