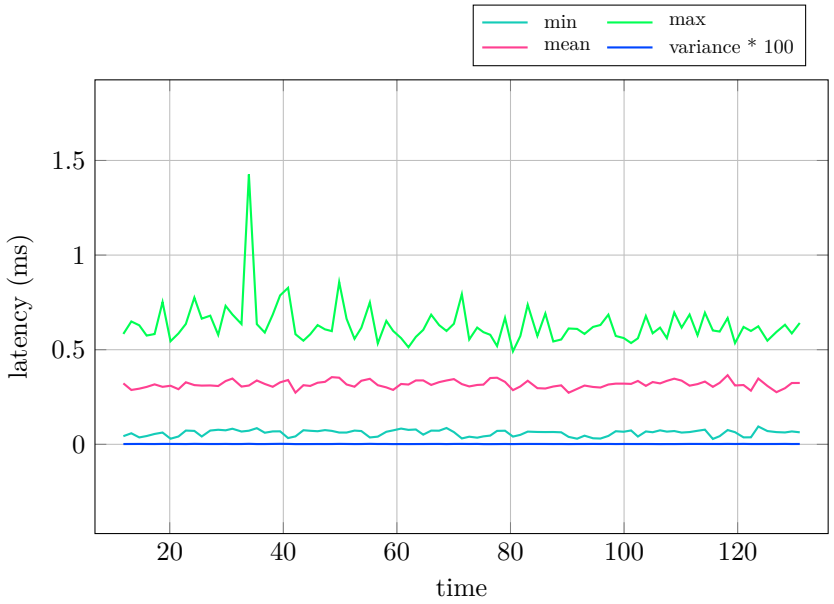
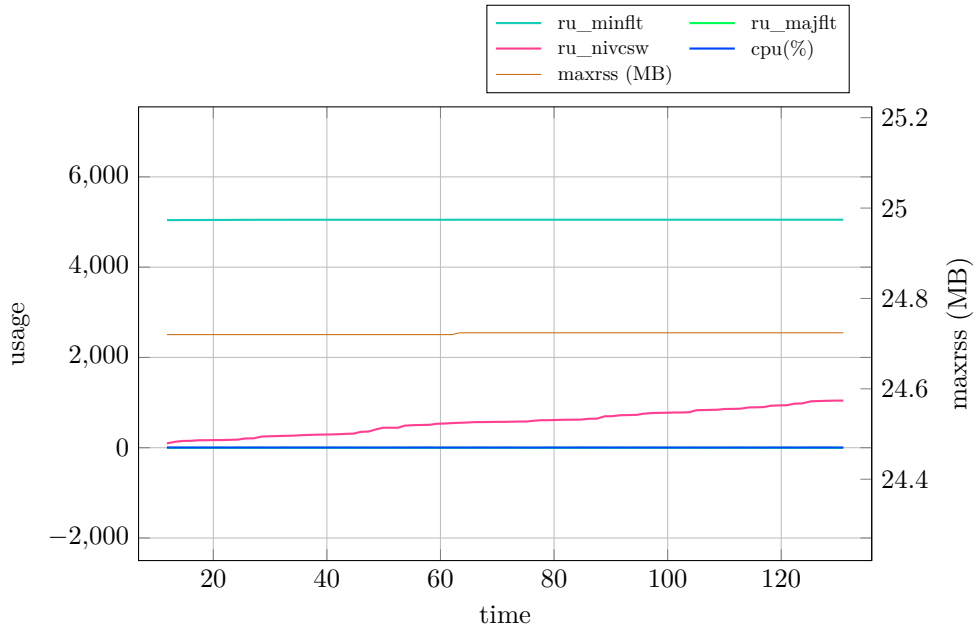
Performance

Logfile name	log_test_topic_28-11-2020_19-09-55
Experiment id	4c48380b-4f6a-45af-946a-f5832fcfa82d
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
Topic name	test_topic
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.3538
received	94.7753
sent	9.5281
lost	0.0
relative_loss	0.0
data_received	411724.4831
latency_min (ms)	0.06
latency_max (ms)	0.6317
latency_mean (ms)	0.3174
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.6388
pub_loop_res_max (ms)	99.9069
pub_loop_res_mean (ms)	99.786
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 (%)	3.4722

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