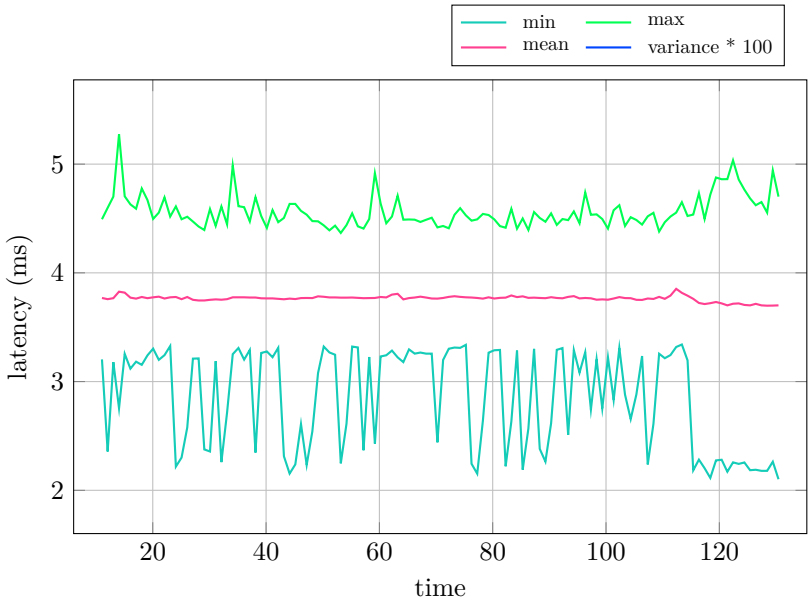
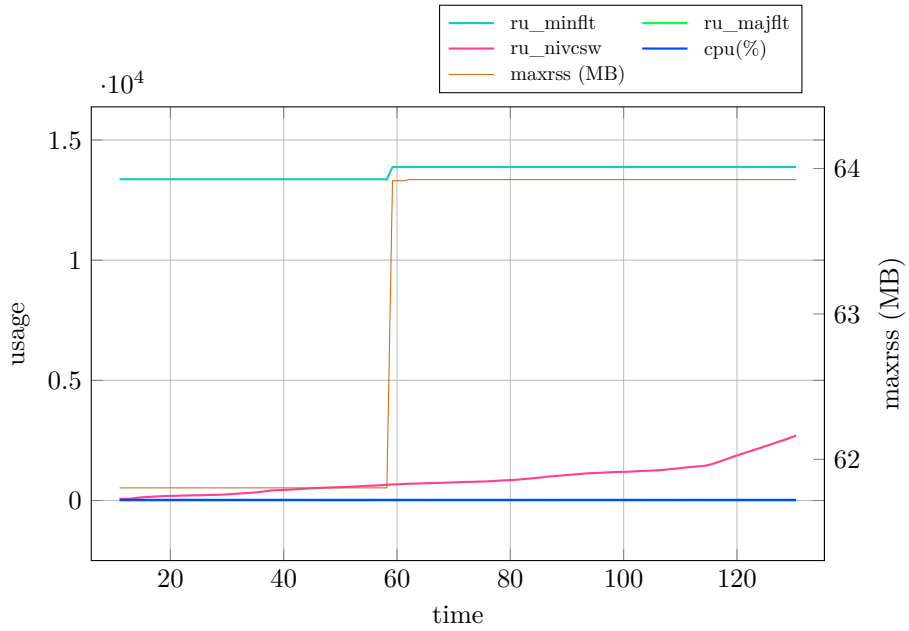
Performance

Logfile name	log_test_topic_27-11-2020_13-37-46
Experiment id	5676dab9-1087-42f7-8cbe-8f8a3b80383c
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
Topic name	test_topic
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0032
received	2065.6583
sent	690.6917
lost	5.4333
relative_loss	0.0077
data_received	4335326708.4083
latency_min (ms)	2.8493
latency_max (ms)	4.5628
latency_mean (ms)	3.7642
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-21663.9667
pub_loop_res_max (ms)	-21354.2667
pub_loop_res_mean (ms)	-21510.2833
pub_loop_res_variance (ms)	7.9658
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 (%)	26.9932

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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