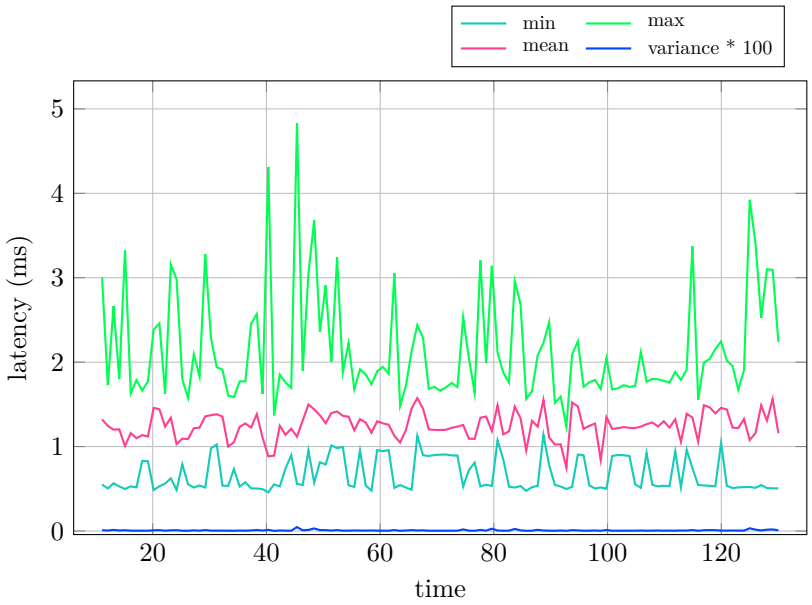
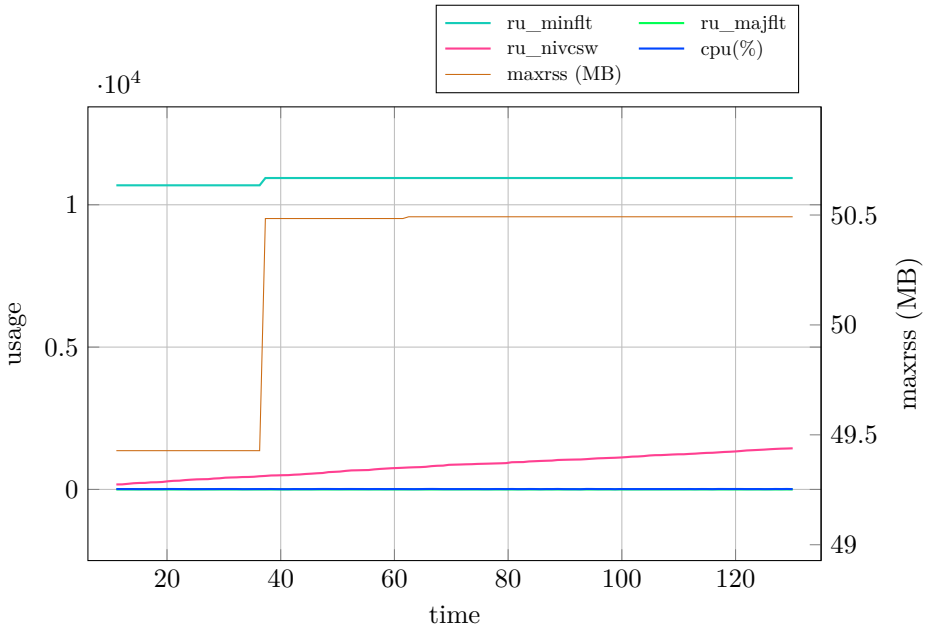
Performance

Logfile name	log_test_topic_29-11-2020_18-21-26
Experiment id	05f47808-7dd2-43b8-ad3a-1c6ad66184e4
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0079
received	2497.5462
sent	499.4874
lost	0.0
relative_loss	0.0
data_received	2621477603.9496
latency_min (ms)	0.6632
latency_max (ms)	2.1454
latency_mean (ms)	1.2487
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	1.1985
pub_loop_res_max (ms)	1.5961
pub_loop_res_mean (ms)	1.4331
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 (%)	12.0749

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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