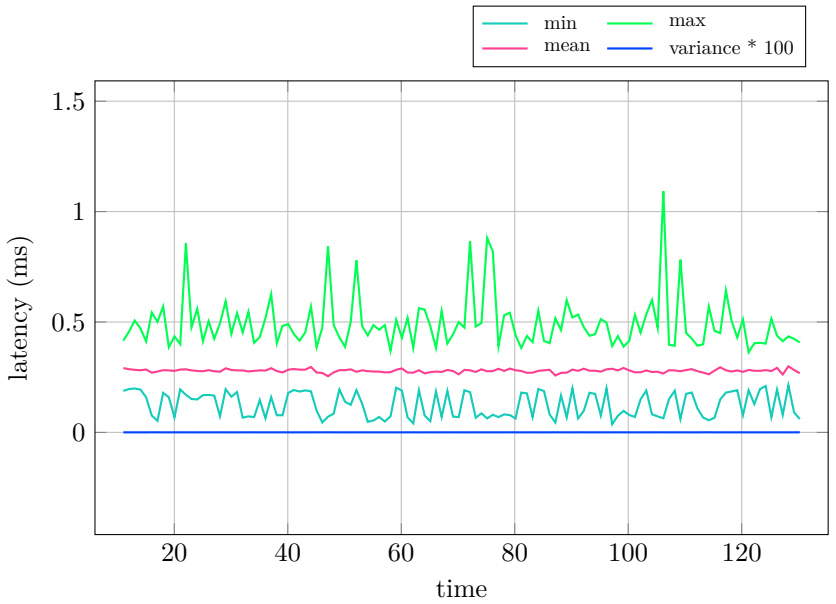
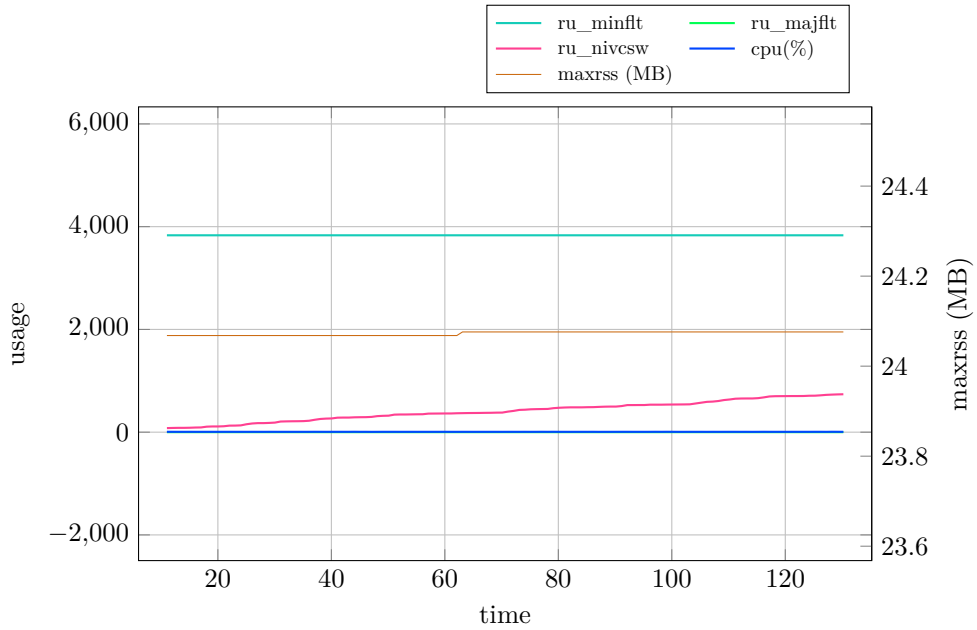
Performance

Logfile name	log_test_topic_27-11-2020_13-30-52
Experiment id	88d7a6b8-4e67-491d-af5a-6665fd1b07ba
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	1.0015
received	2998.4833
sent	999.4833
lost	0.0
relative_loss	0.0
data_received	98352221.8083
latency_min (ms)	0.1249
latency_max (ms)	0.4934
latency_mean (ms)	0.2789
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6957
pub_loop_res_max (ms)	0.934
pub_loop_res_mean (ms)	0.8345
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 (%)	6.7308

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
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