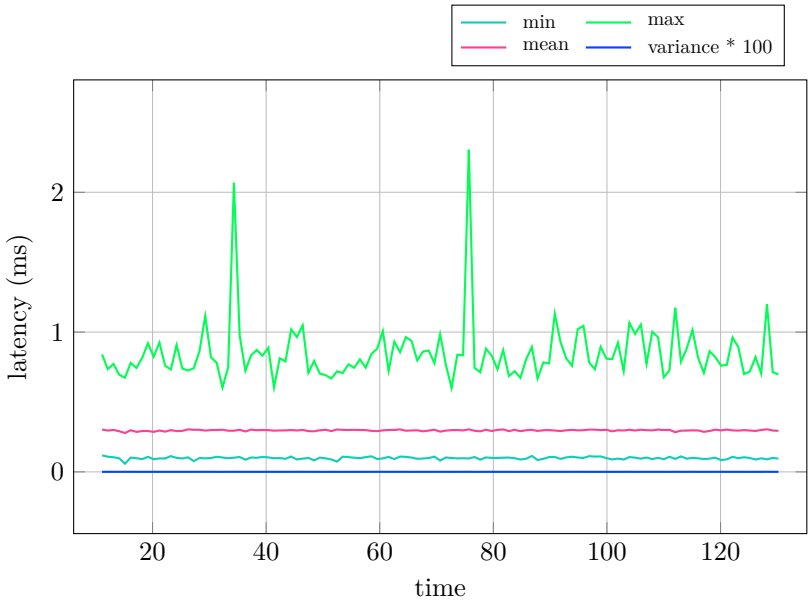
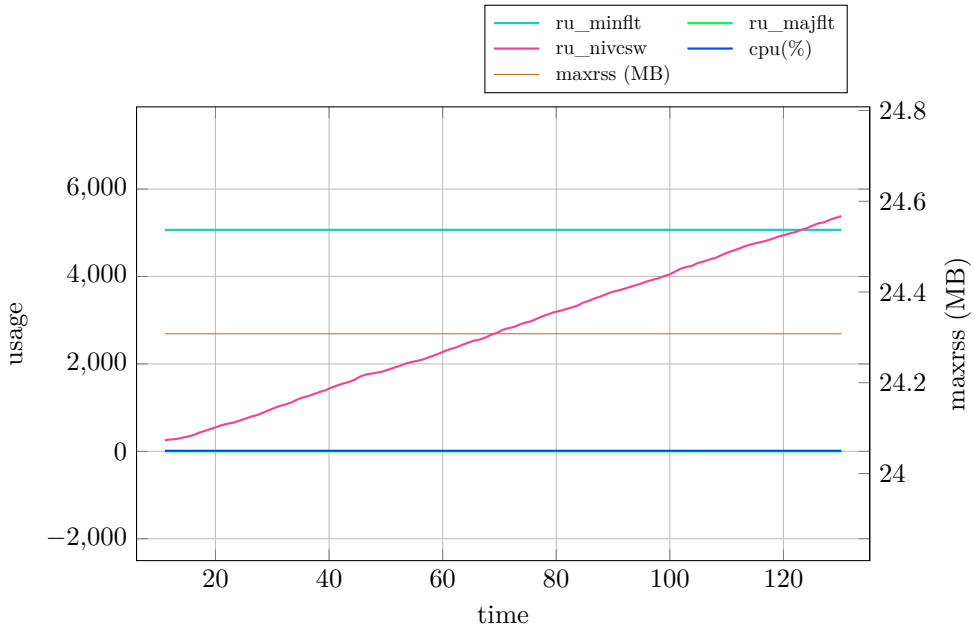
Performance

Logfile name	log_test_topic_29-11-2020_21-00-51
Experiment id	6807c084-f2ac-41ef-a8e6-aee2e18d2c78
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0088
received	4995.1681
sent	499.5546
lost	0.0
relative_loss	0.0
data_received	5200005.6218
latency_min (ms)	0.0986
latency_max (ms)	0.848
latency_mean (ms)	0.2967
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7296
pub_loop_res_max (ms)	1.9172
pub_loop_res_mean (ms)	1.8473
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 (%)	12.7386

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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