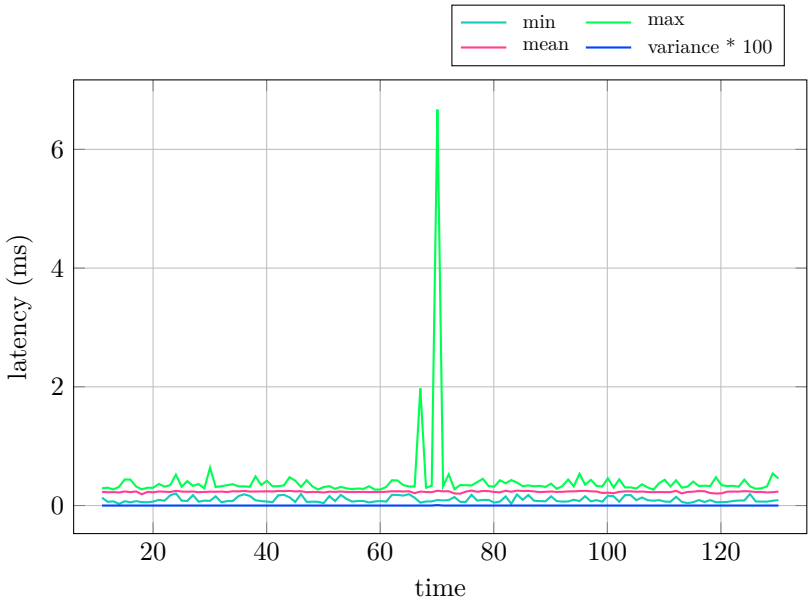
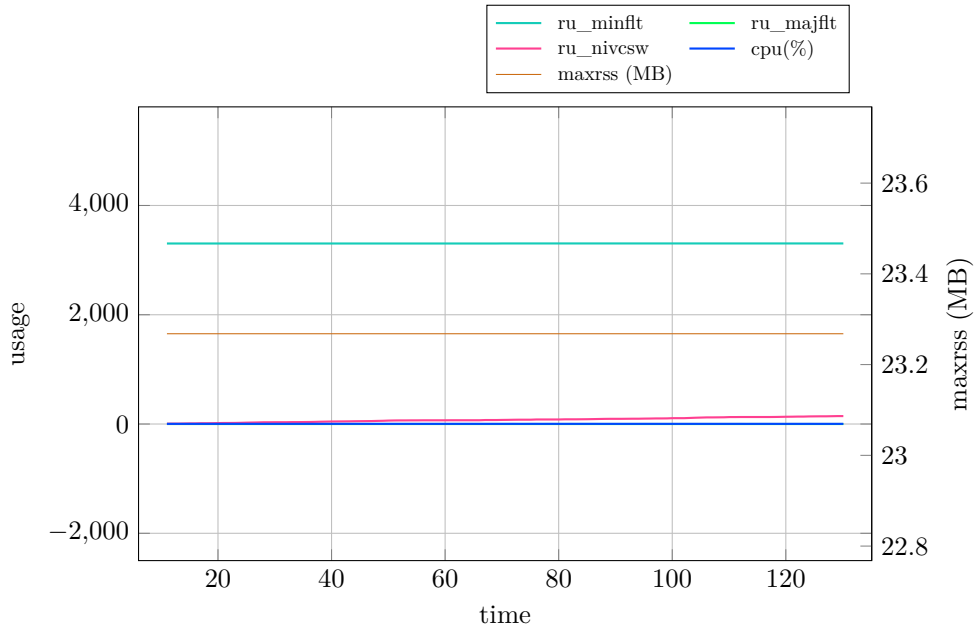
Performance

Logfile name	log_test_topic_30-11-2020_03-22-14
Experiment id	28f0a355-7fcf-4486-aa1d-8d3e02c69837
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0007
received	999.3917
sent	999.425
lost	0.025
relative_loss	0.0
data_received	16399411.1667
latency_min (ms)	0.0982
latency_max (ms)	0.4187
latency_mean (ms)	0.2321
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6419
pub_loop_res_max (ms)	0.9451
pub_loop_res_mean (ms)	0.8343
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 (%)	3.0566

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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