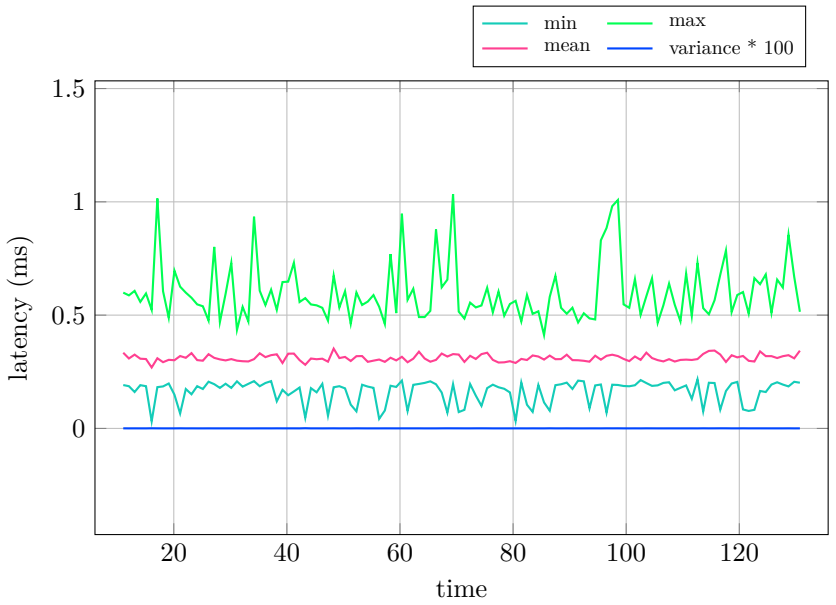
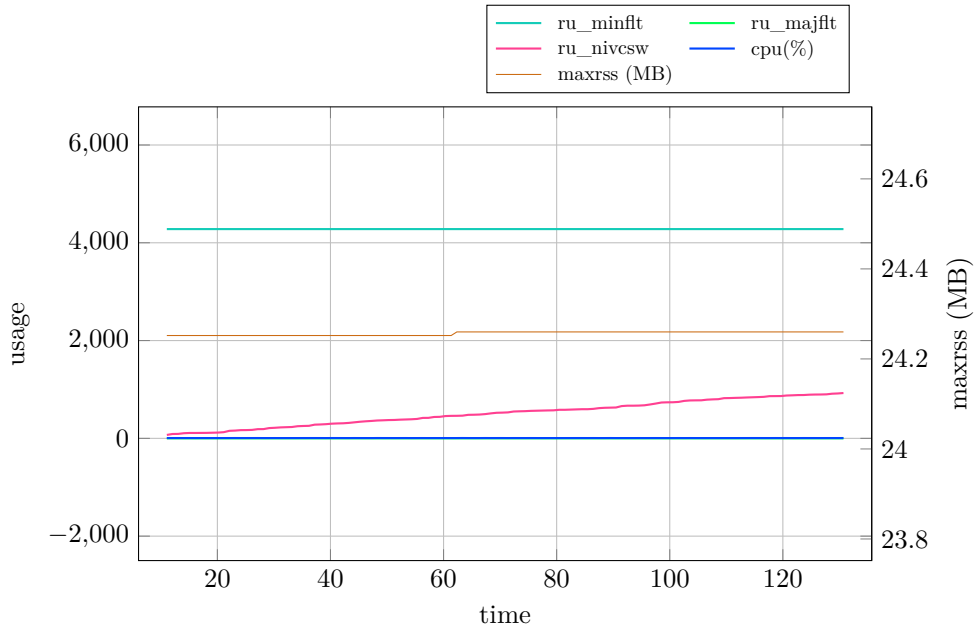
Performance

Logfile name	log_test_topic_29-11-2020_18-16-50
Experiment id	b205b38d-114e-40ce-a2e4-9988fb0b7390
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	1.0052
received	2497.475
sent	499.525
lost	0.0
relative_loss	0.0
data_received	81959755.025
latency_min (ms)	0.163
latency_max (ms)	0.5993
latency_mean (ms)	0.3107
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.6427
pub_loop_res_max (ms)	1.8996
pub_loop_res_mean (ms)	1.8141
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 (%)	5.9811

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