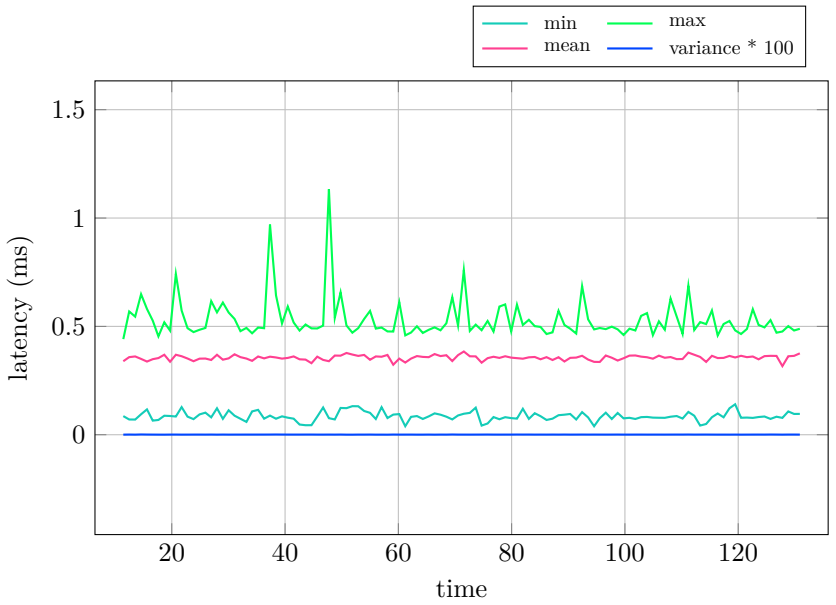
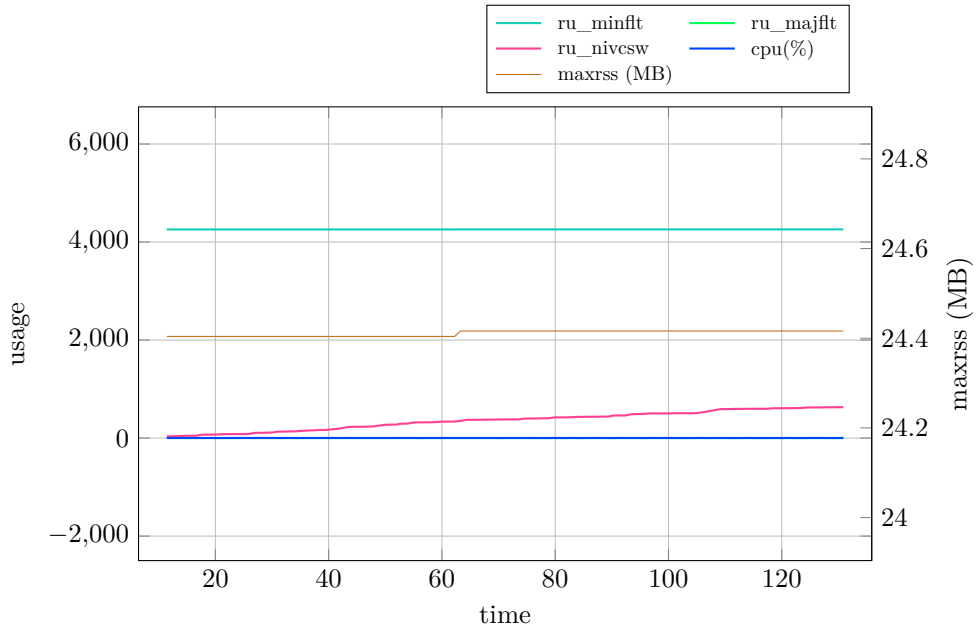
Performance

Logfile name	log_test_topic_29-11-2020_10-04-12
Experiment id	f001d9aa-c1e9-42dd-8957-5aed031cbf4d
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0385
received	247.6034
sent	49.4914
lost	0.0
relative_loss	0.0
data_received	8196554.5776
latency_min (ms)	0.0857
latency_max (ms)	0.5308
latency_mean (ms)	0.3554
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.6558
pub_loop_res_max (ms)	19.8936
pub_loop_res_mean (ms)	19.7669
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 (%)	1.7547

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