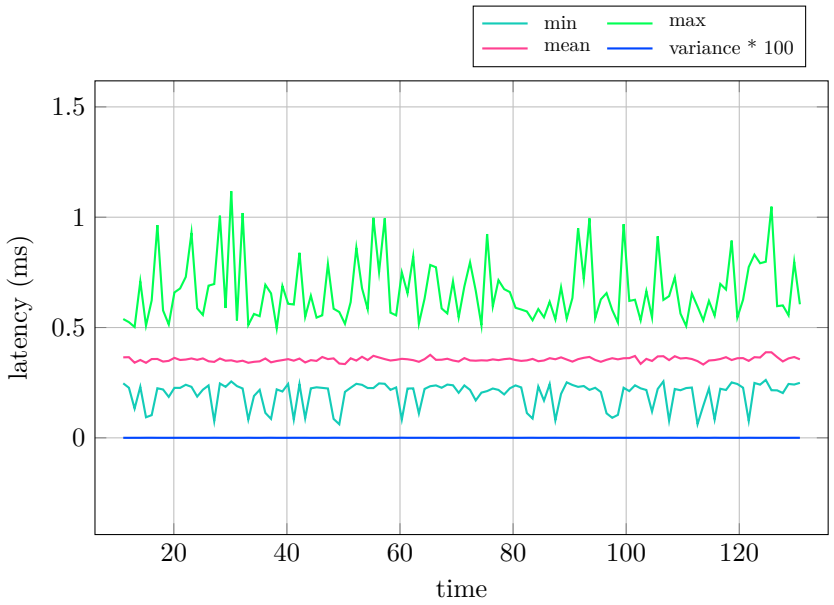
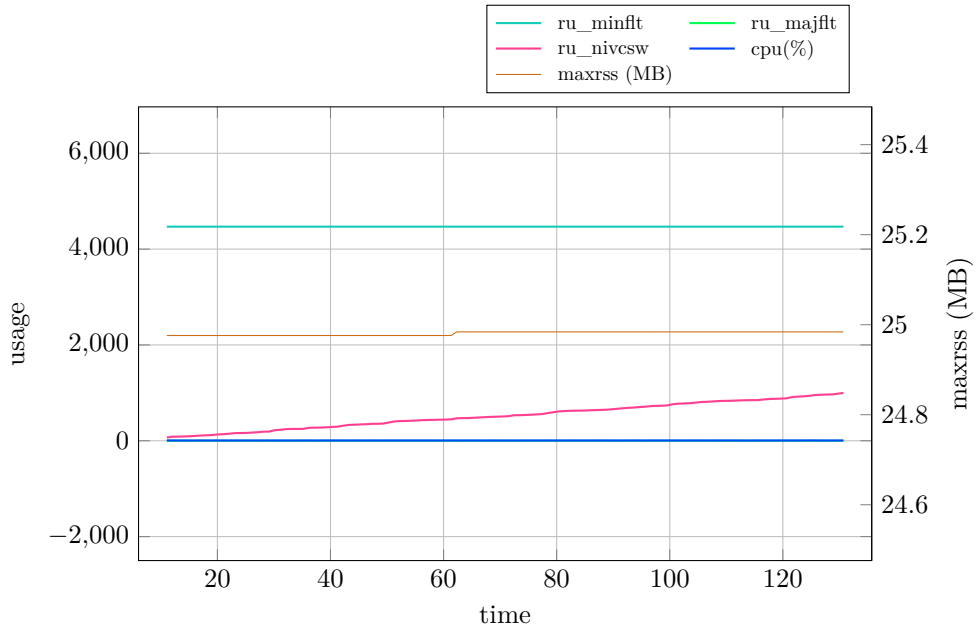
Performance

Logfile name	log_test_topic_29-11-2020_18-19-08
Experiment id	a2d31a9d-1f24-4eb1-b602-b72a8b9dbdee
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	1.0053
received	2497.4917
sent	499.5167
lost	0.0
relative_loss	0.0
data_received	153639602.95
latency_min (ms)	0.1988
latency_max (ms)	0.6677
latency_mean (ms)	0.3553
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.5919
pub_loop_res_max (ms)	1.884
pub_loop_res_mean (ms)	1.7837
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 (%)	6.3405

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array60k
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