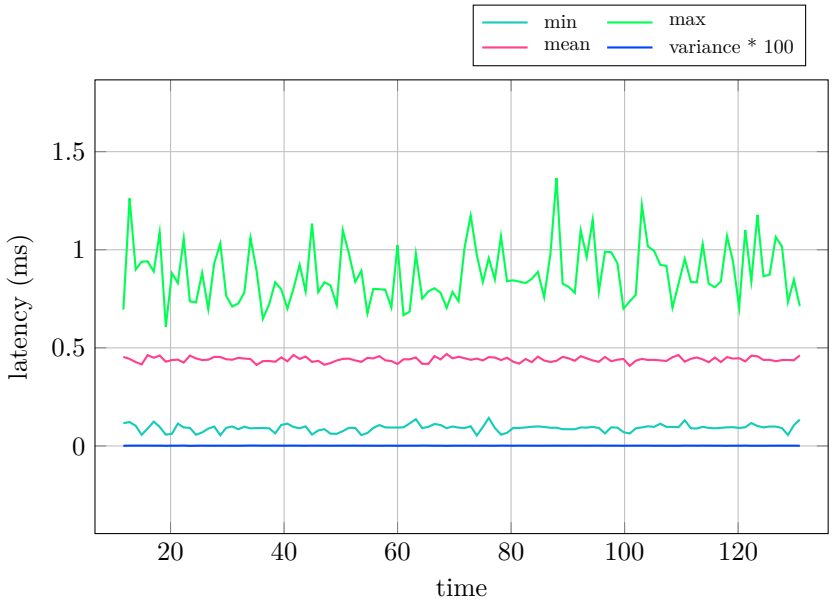
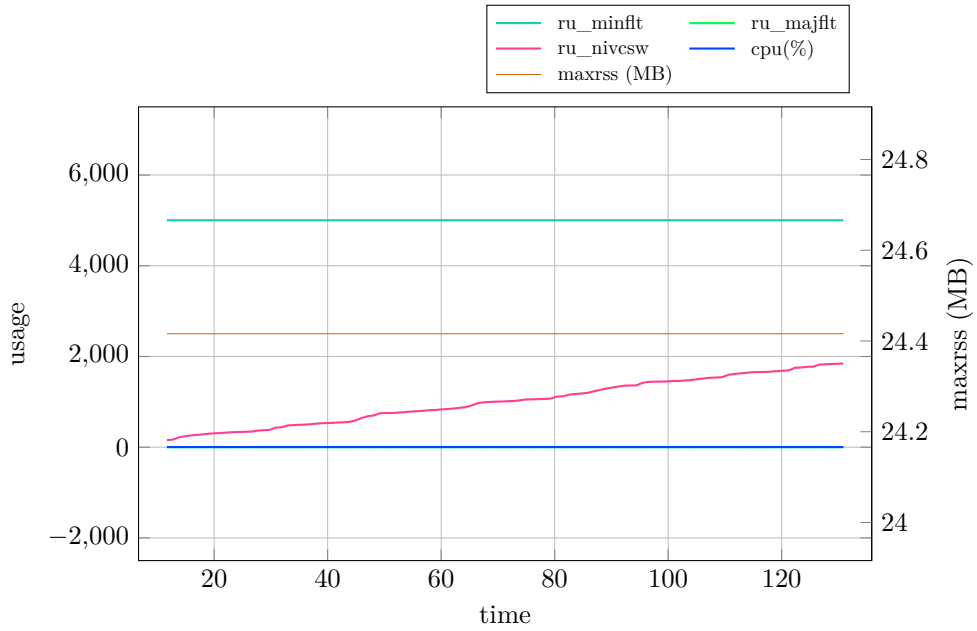
Performance

Logfile name	log_test_topic_29-11-2020_12-27-11
Experiment id	340a08a9-d243-402e-9e03-60b980b0599d
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0735
received	495.1786
sent	49.5179
lost	0.0
relative_loss	0.0
data_received	264014.3304
latency_min (ms)	0.0917
latency_max (ms)	0.8761
latency_mean (ms)	0.4409
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.6673
pub_loop_res_max (ms)	19.8945
pub_loop_res_mean (ms)	19.7638
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 (%)	3.2901

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
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