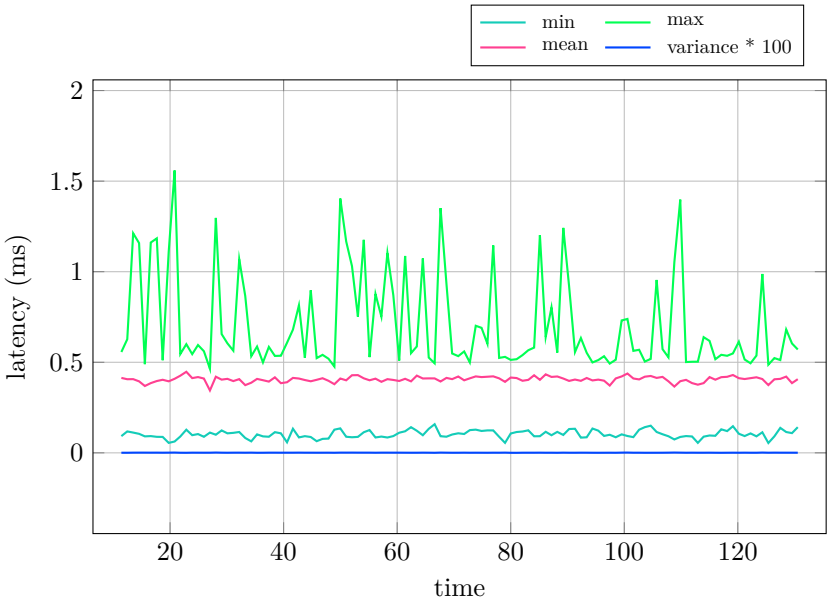
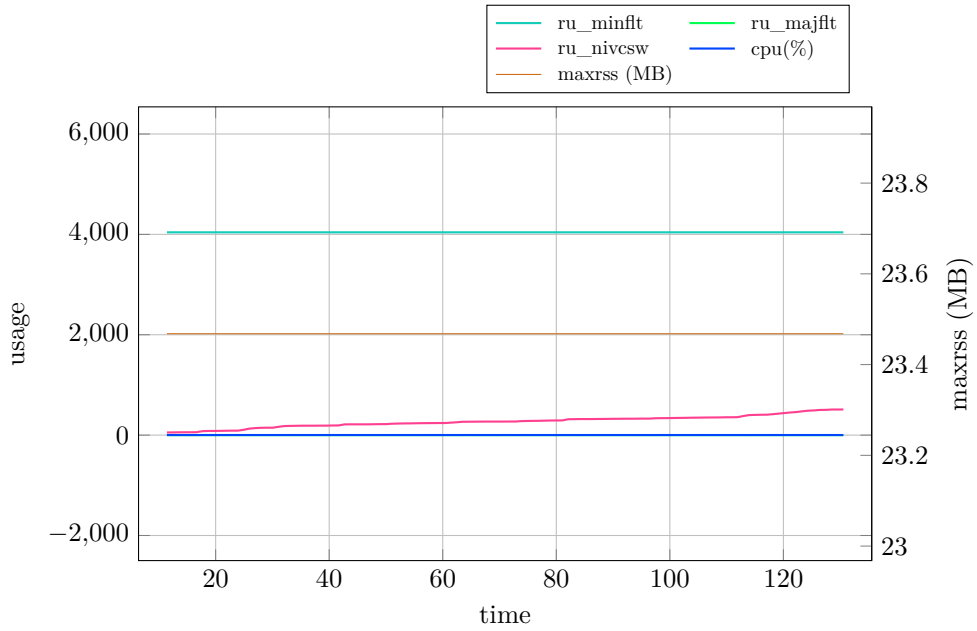
Performance

Logfile name	log_test_topic_29-11-2020_10-15-44
Experiment id	9978bfa0-97d6-4785-89a9-ccee1438812b
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	1.0356
received	247.5086
sent	49.4741
lost	0.0
relative_loss	0.0
data_received	132001.7069
latency_min (ms)	0.1031
latency_max (ms)	0.7055
latency_mean (ms)	0.4058
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.6228
pub_loop_res_max (ms)	19.8892
pub_loop_res_mean (ms)	19.739
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 (%)	1.7997

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