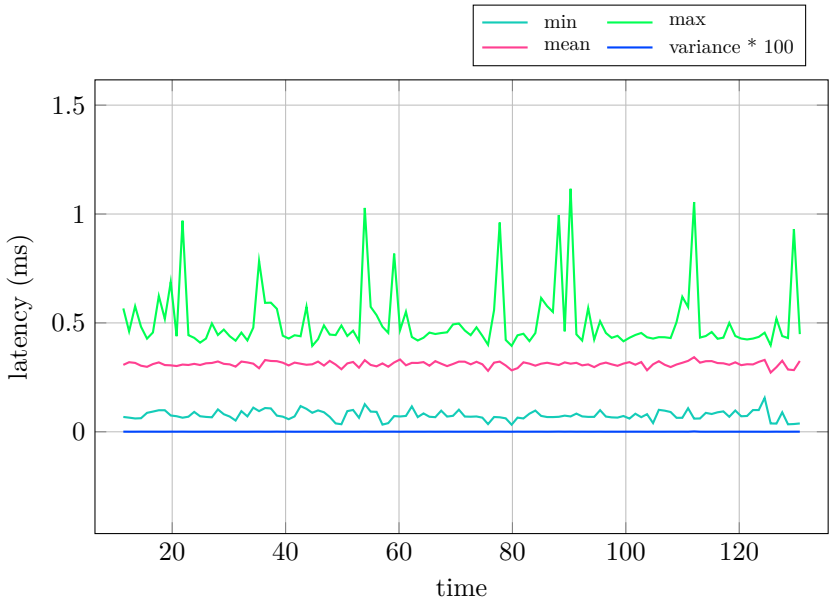
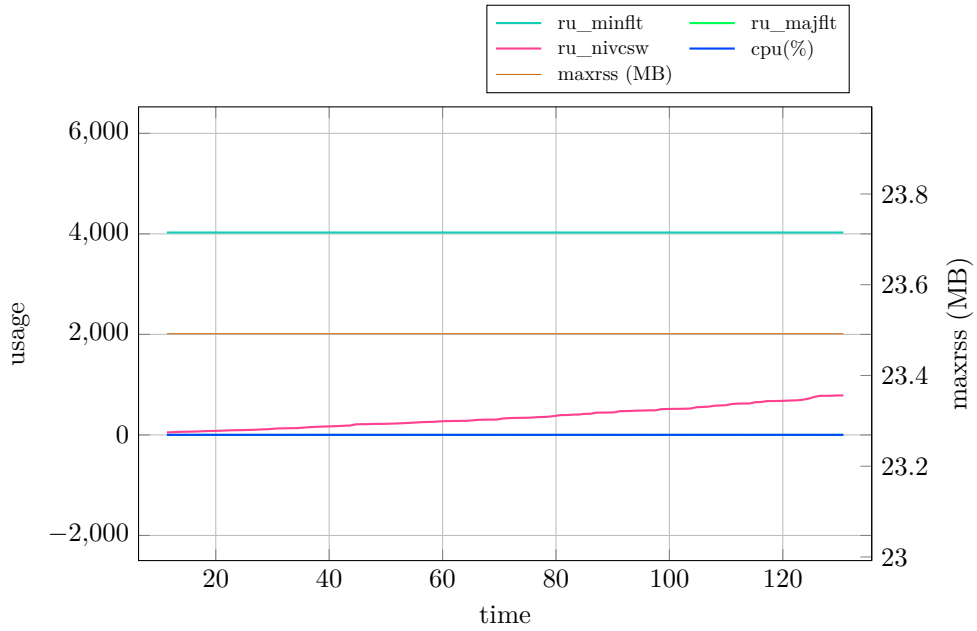
Performance

Logfile name	log_test_topic_29-11-2020_10-34-11
Experiment id	c61a322b-58ce-4efa-8f3b-39ca48211892
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	1.0375
received	247.4569
sent	49.4569
lost	0.0
relative_loss	0.0
data_received	42000.1552
latency_min (ms)	0.0761
latency_max (ms)	0.5075
latency_mean (ms)	0.3113
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.5905
pub_loop_res_max (ms)	19.8969
pub_loop_res_mean (ms)	19.7046
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 (%)	1.7014

environment

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