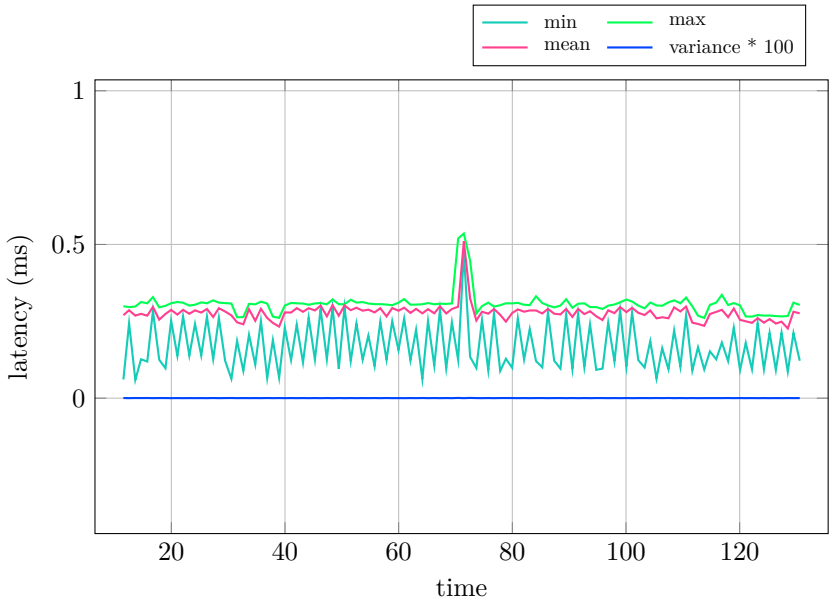
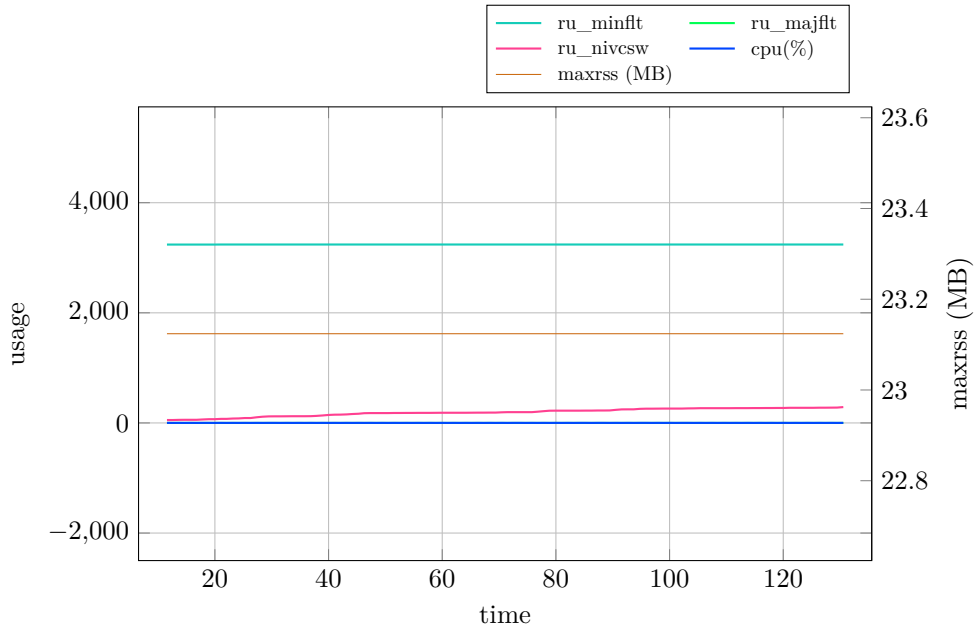
Performance

Logfile name	log_test_topic_28-11-2020_08-46-14
Experiment id	461ea51a-f703-4f67-bec5-c57a241dd4bb
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0533
received	9.5351
sent	9.5263
lost	0.0
relative_loss	0.0
data_received	1687.9474
latency_min (ms)	0.1679
latency_max (ms)	0.3072
latency_mean (ms)	0.2776
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.7237
pub_loop_res_max (ms)	99.8511
pub_loop_res_mean (ms)	99.7782
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 (%)	0.9643

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