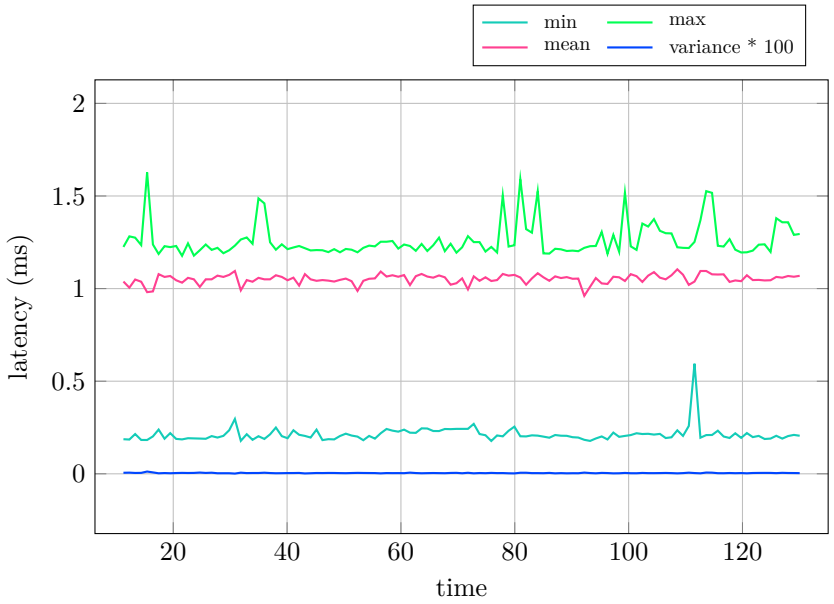
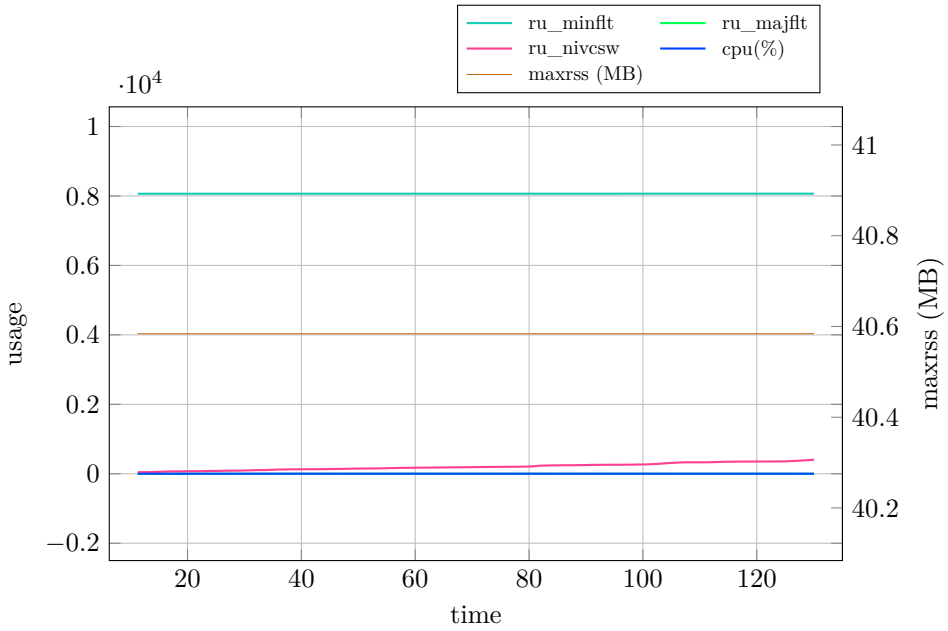
Performance

Logfile name	log_test_topic_29-11-2020_10-52-31
Experiment id	94705f01-e899-4777-b9e2-ec39f7a9c704
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	1.0241
received	247.5214
sent	49.4701
lost	0.0
relative_loss	0.0
data_received	262152381.7009
latency_min (ms)	0.2129
latency_max (ms)	1.2605
latency_mean (ms)	1.0518
latency_variance (ms)	0.0
pub_loop_res_min (ms)	18.9873
pub_loop_res_max (ms)	19.7971
pub_loop_res_mean (ms)	19.2114
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 (%)	2.0696

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0