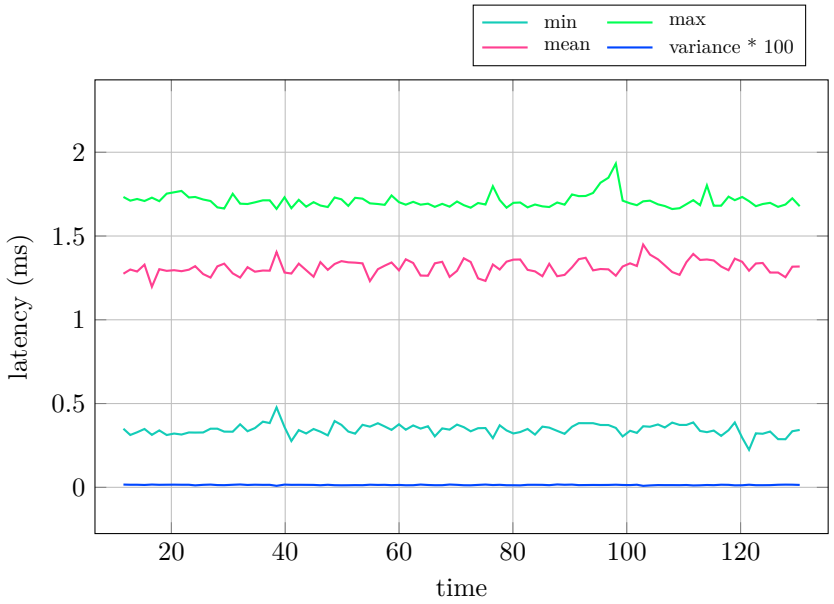
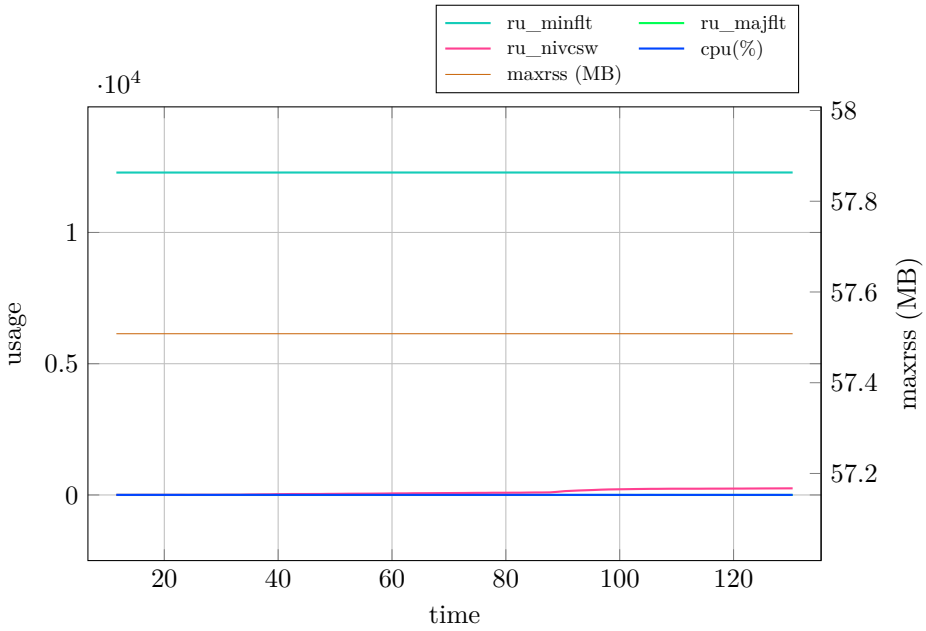
Performance

Logfile name	log_test_topic_12-12-2020_18-29-56
Experiment id	780ff65f-5fc8-477d-a86d-7cd28275c772
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.2651
received	94.8316
sent	9.5158
lost	0.0
relative_loss	0.0
data_received	104905466.9053
latency_min (ms)	0.3447
latency_max (ms)	1.7092
latency_mean (ms)	1.312
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.0712
pub_loop_res_max (ms)	99.7778
pub_loop_res_mean (ms)	99.2807
pub_loop_res_variance (ms)	0.0001
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 (%)	2.6955

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0