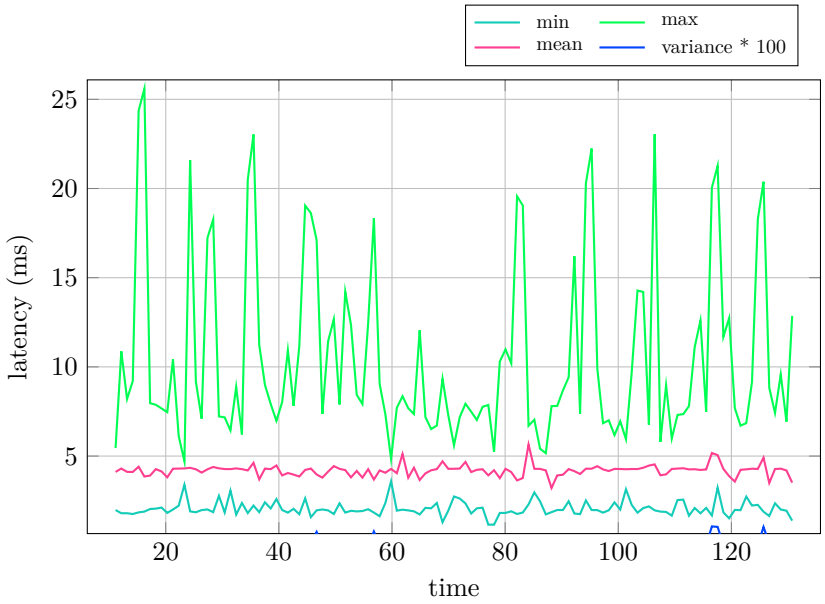
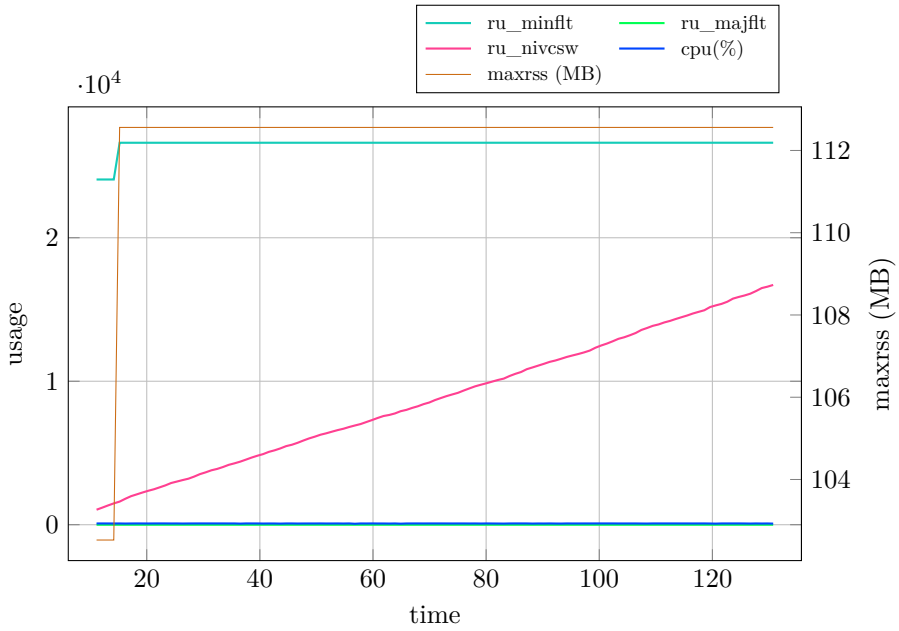
Performance

Logfile name	log_test_topic_29-11-2020_21-58-18
Experiment id	3115370c-ef98-48c4-850a-9dfe1222d088
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0122
received	4550.1681
sent	455.0336
lost	0.0
relative_loss	0.0
data_received	9553494335.7395
latency_min (ms)	2.0525
latency_max (ms)	10.4776
latency_mean (ms)	4.1935
latency_variance (ms)	0.0011
pub_loop_res_min (ms)	-6474.9244
pub_loop_res_max (ms)	-6385.0
pub_loop_res_mean (ms)	-6430.0588
pub_loop_res_variance (ms)	0.6773
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 (%)	85.7161

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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