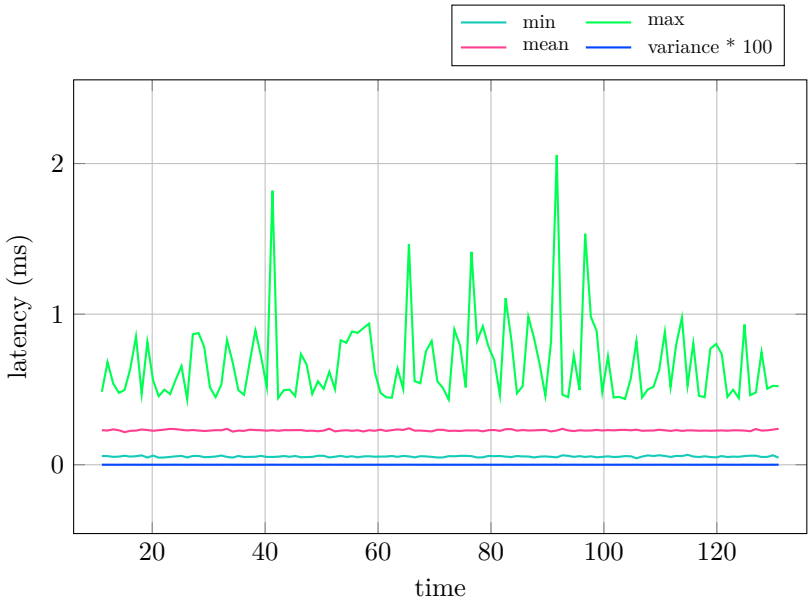
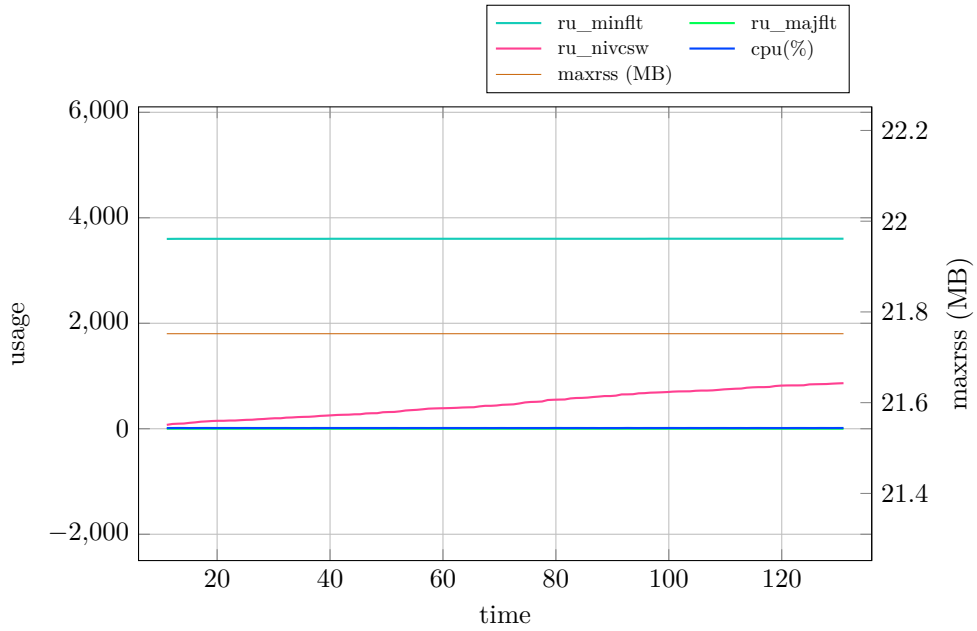
Performance

Logfile name	log_test_topic_01-12-2020_16-59-18
Experiment id	6eddfc71-cb77-4f1a-9521-0a6fb7a98563
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	1.0069
received	4994.825
sent	499.4833
lost	0.0
relative_loss	0.0
data_received	20559594.8417
latency_min (ms)	0.0548
latency_max (ms)	0.6756
latency_mean (ms)	0.2287
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.4919
pub_loop_res_max (ms)	1.85
pub_loop_res_mean (ms)	1.725
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 (%)	14.1258

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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