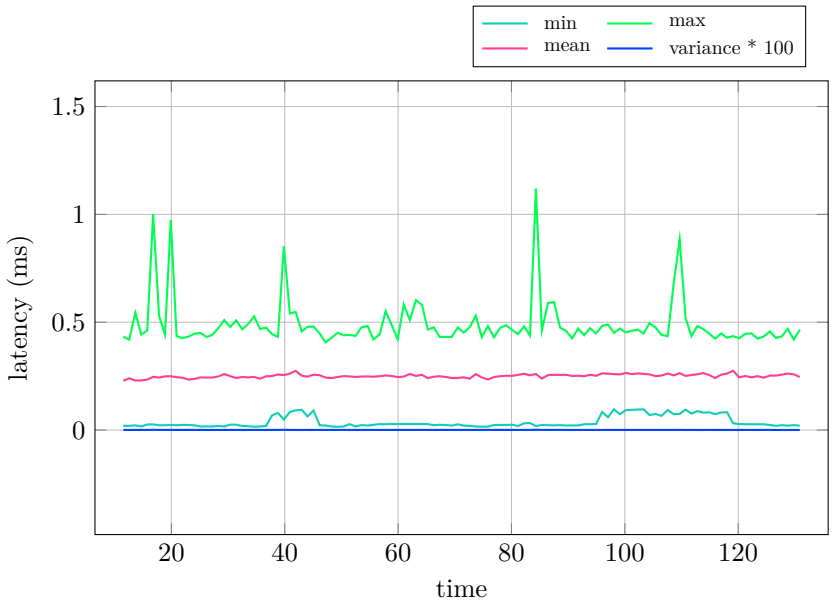
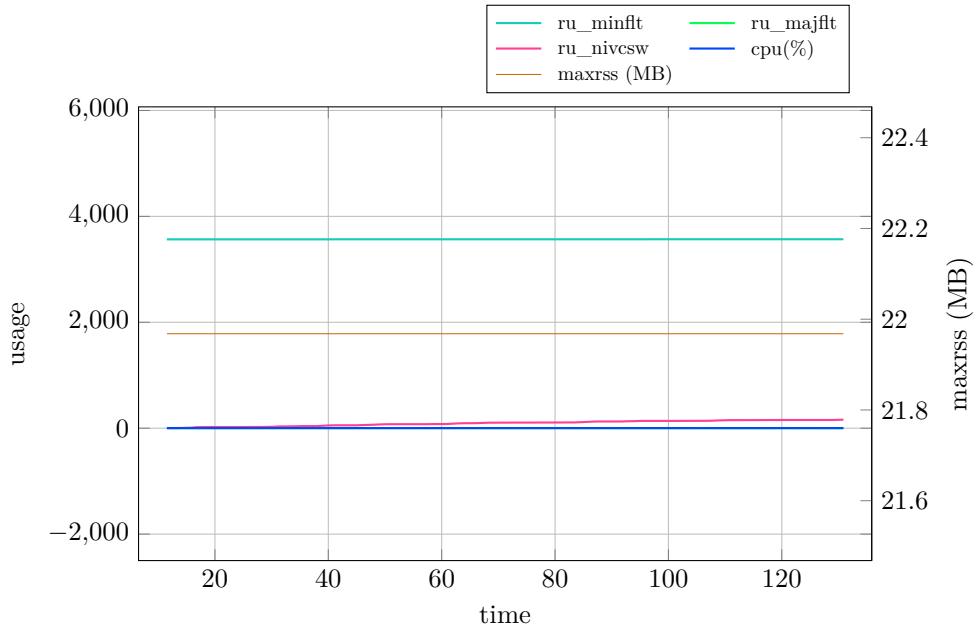
Performance

Logfile name	log_test_topic_01-12-2020_11-15-45
Experiment id	b08a282e-56cf-4ed6-bf1f-cc68bb98f9d0
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.056
received	495.0175
sent	49.5351
lost	0.0
relative_loss	0.0
data_received	520032.5614
latency_min (ms)	0.0379
latency_max (ms)	0.4901
latency_mean (ms)	0.2504
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.2706
pub_loop_res_max (ms)	19.8918
pub_loop_res_mean (ms)	19.4716
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 (%)	1.9061

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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