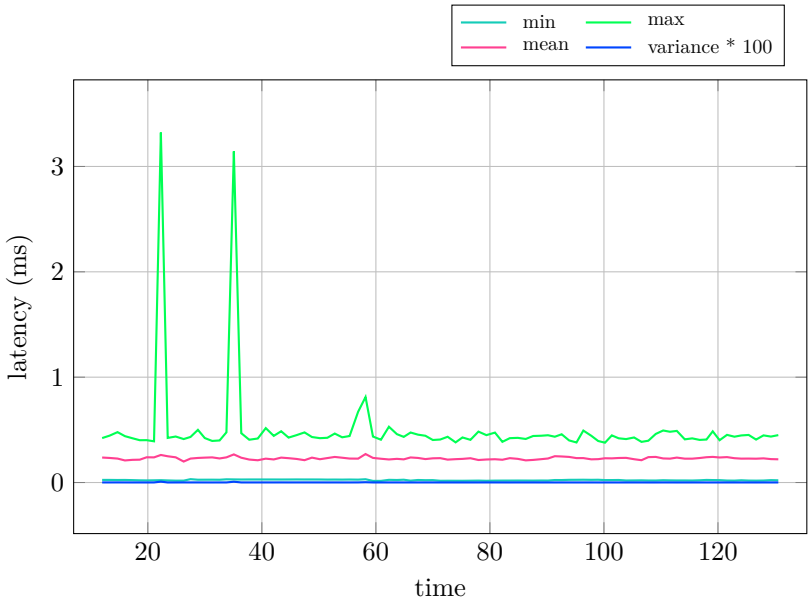
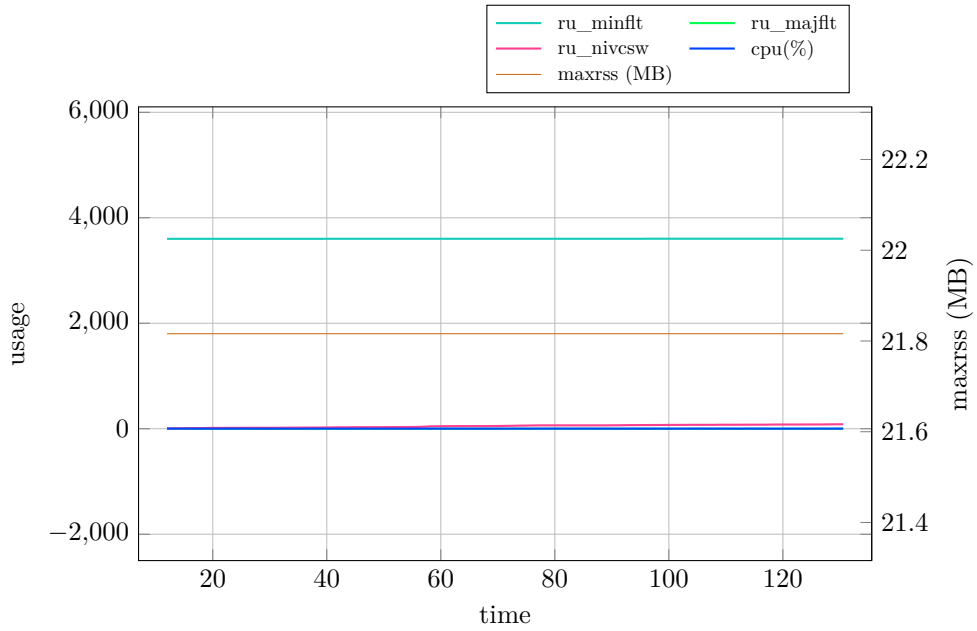
Performance

Logfile name	log_test_topic_12-12-2020_18-20-43
Experiment id	8be5c27a-e6a6-4446-a0b3-c5f80493f442
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	1.3031
received	94.837
sent	9.4239
lost	0.0
relative_loss	0.0
data_received	411470.25
latency_min (ms)	0.0228
latency_max (ms)	0.5031
latency_mean (ms)	0.2297
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4272
pub_loop_res_max (ms)	99.8813
pub_loop_res_mean (ms)	99.6015
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 (%)	2.181

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