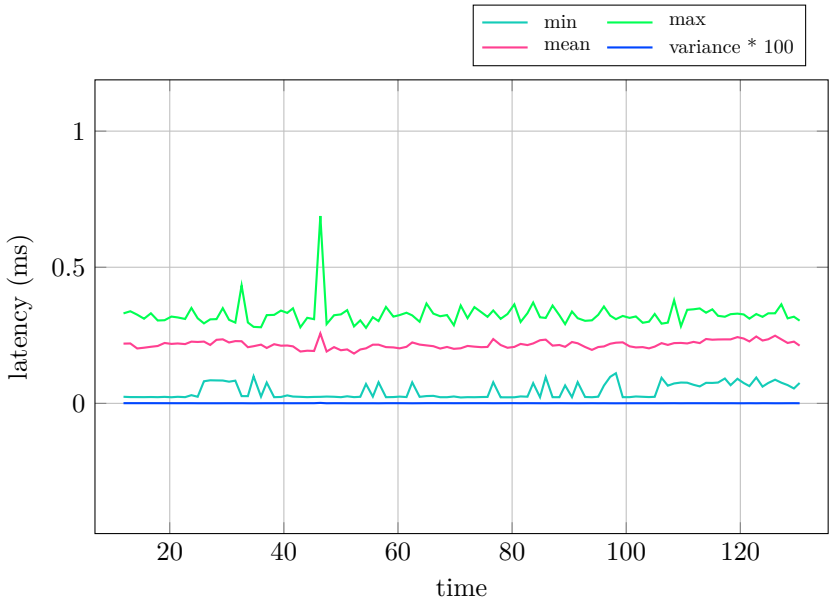
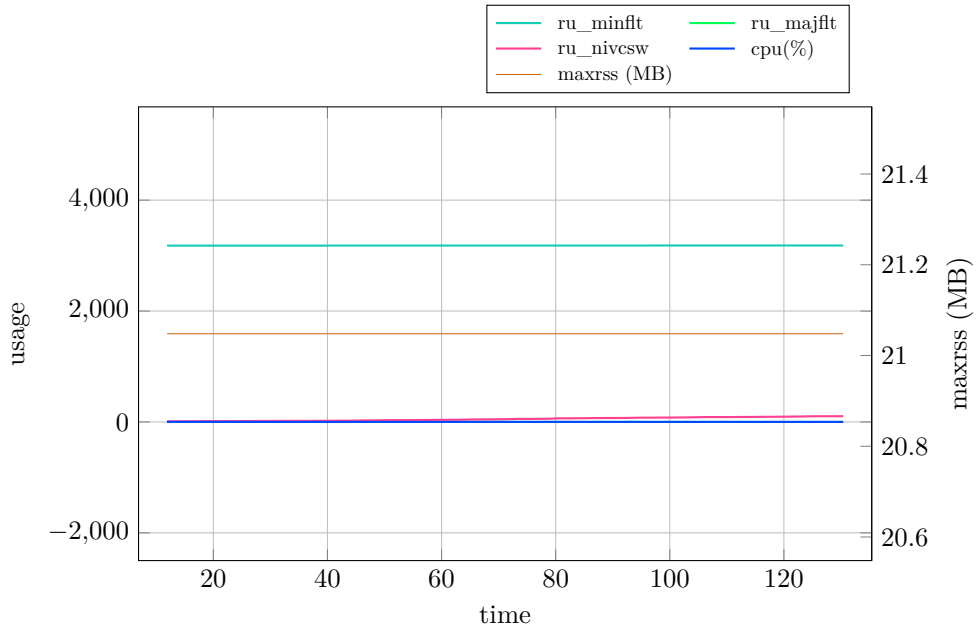
Performance

Logfile name	log_test_topic_30-11-2020_20-48-25
Experiment id	cec8489f-40fa-4fe2-8606-906f736152f2
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.1398
received	47.4667
sent	9.5048
lost	0.0
relative_loss	0.0
data_received	4000.4952
latency_min (ms)	0.0456
latency_max (ms)	0.3257
latency_mean (ms)	0.2162
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4301
pub_loop_res_max (ms)	99.8355
pub_loop_res_mean (ms)	99.5296
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 (%)	1.0827

environment

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