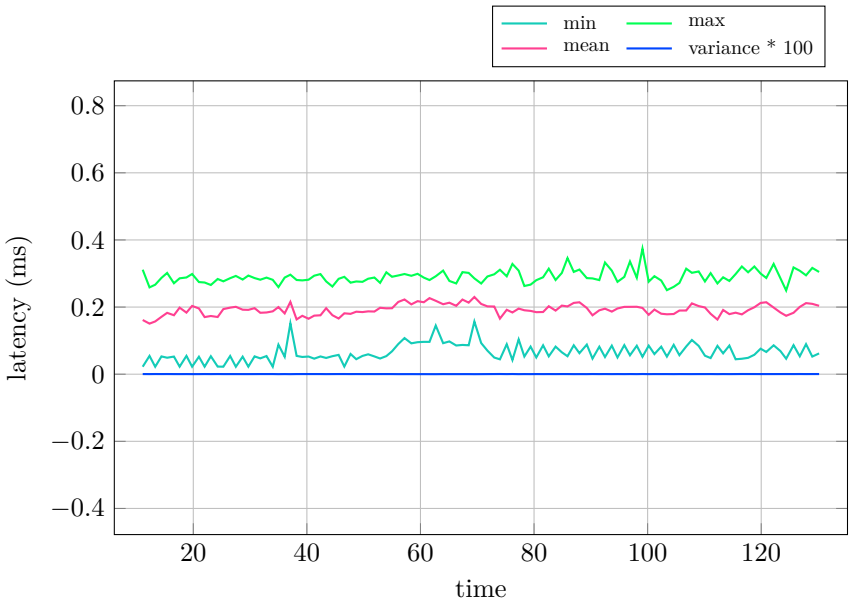
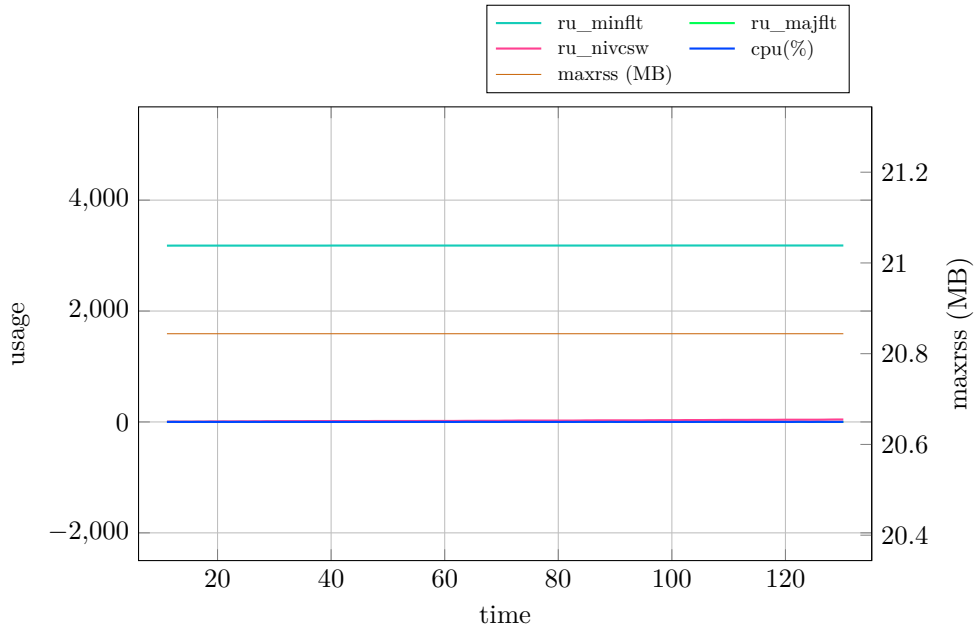
Performance

Logfile name	log_test_topic_12-12-2020_13-55-35
Experiment id	04e6b442-5c9e-460b-bbec-dd1858d8f4dc
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	1.0916
received	47.5636
sent	9.5091
lost	0.0
relative_loss	0.0
data_received	4002.6818
latency_min (ms)	0.0647
latency_max (ms)	0.2909
latency_mean (ms)	0.1922
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4059
pub_loop_res_max (ms)	99.8169
pub_loop_res_mean (ms)	99.5116
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 (%)	0.7466

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