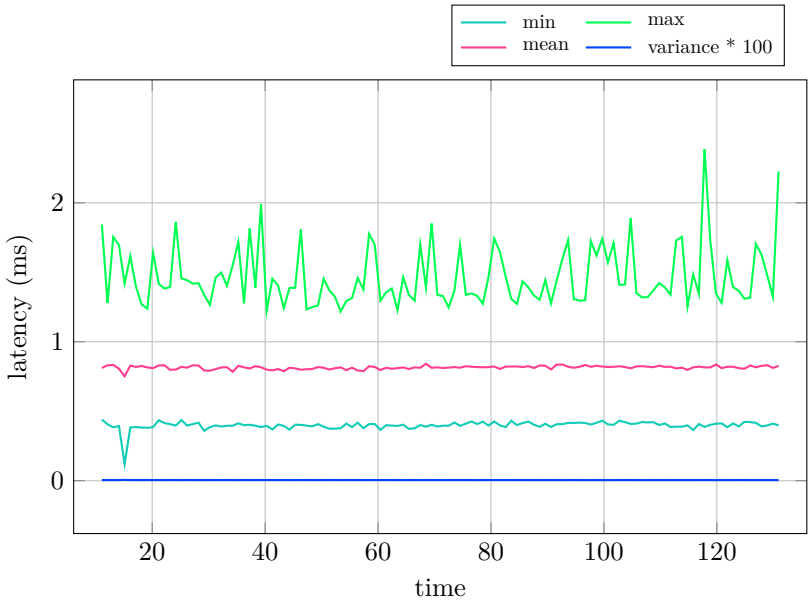
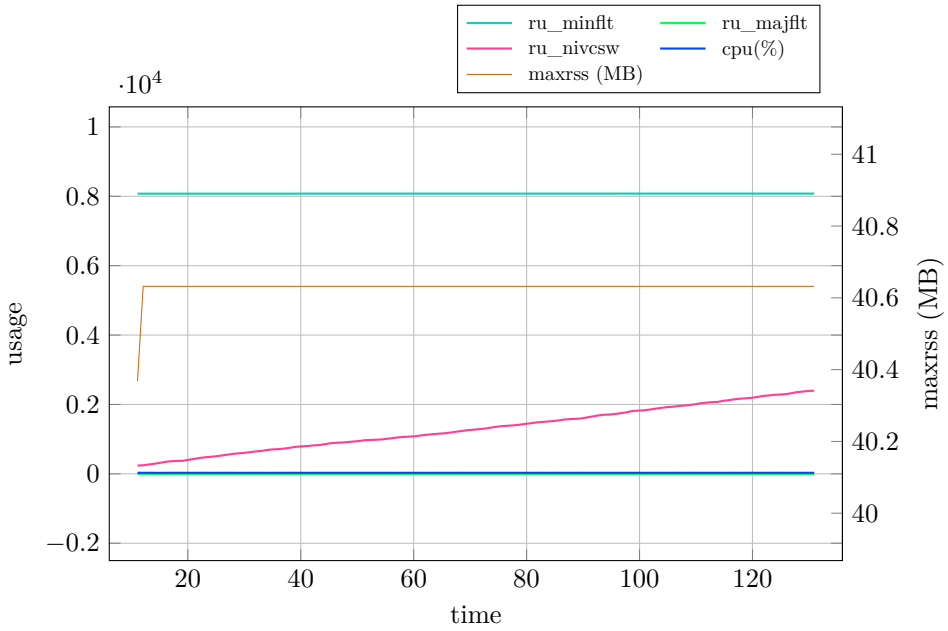
Performance

Logfile name	log_test_topic_01-12-2020_17-22-13
Experiment id	952c4528-d9a5-4766-ba8f-19f1425c99e7
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	1.0068
received	4994.9417
sent	499.5083
lost	0.0
relative_loss	0.0
data_received	2623745205.475
latency_min (ms)	0.3991
latency_max (ms)	1.4681
latency_mean (ms)	0.815
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.2583
pub_loop_res_max (ms)	1.6795
pub_loop_res_mean (ms)	1.4847
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 (%)	29.883

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
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