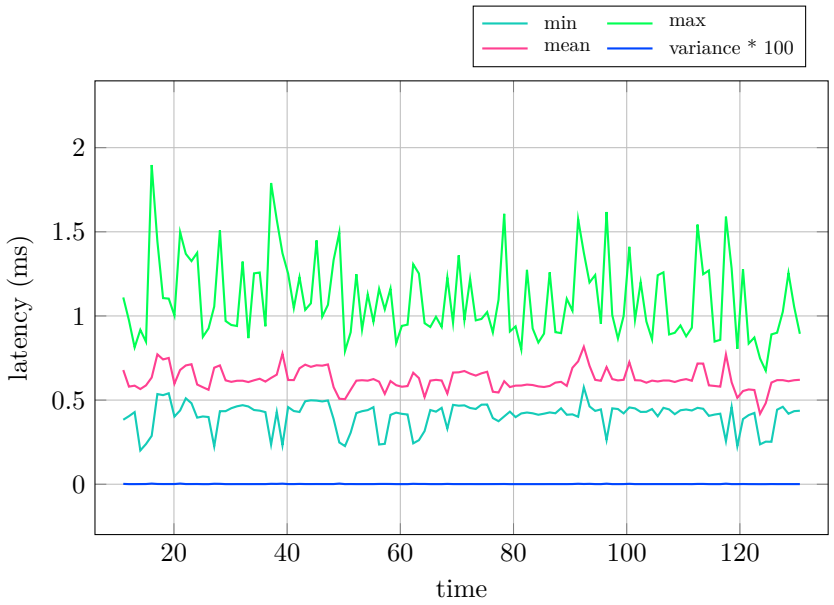
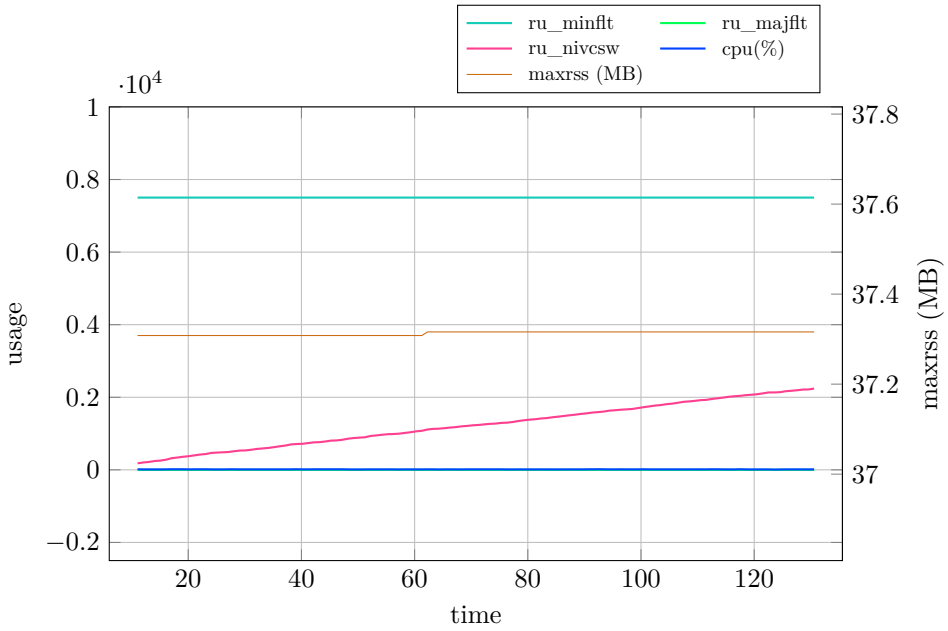
Performance

Logfile name	log_test_topic_30-11-2020_07-04-24
Experiment id	e3c29085-a5cb-4e42-bb92-f0bea830cf10
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
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	1.0044
received	4997.4667
sent	999.5
lost	0.0
relative_loss	0.0
data_received	2623761907.7333
latency_min (ms)	0.4079
latency_max (ms)	1.1004
latency_mean (ms)	0.6239
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.59
pub_loop_res_max (ms)	0.7824
pub_loop_res_mean (ms)	0.7037
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 (%)	13.4131

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_ecal_dynamic_cpp
Roundtrip Mode	NONE
With security	0