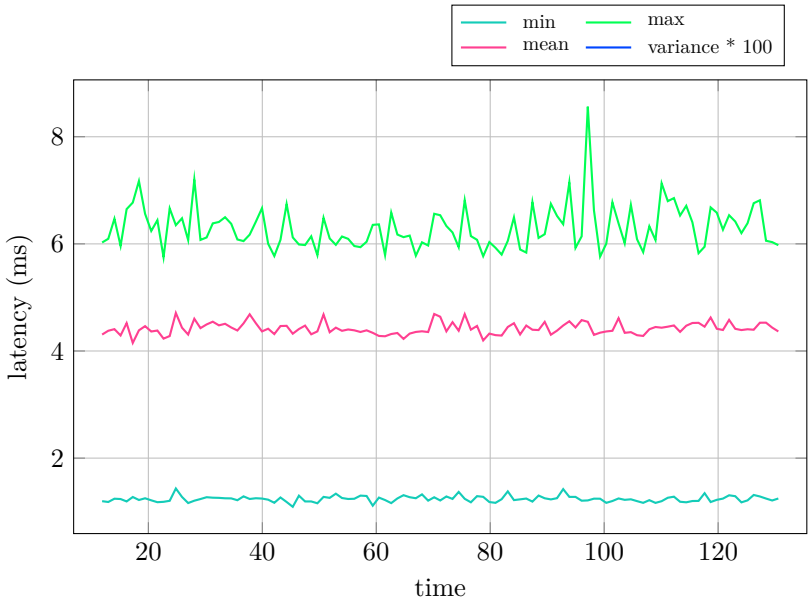
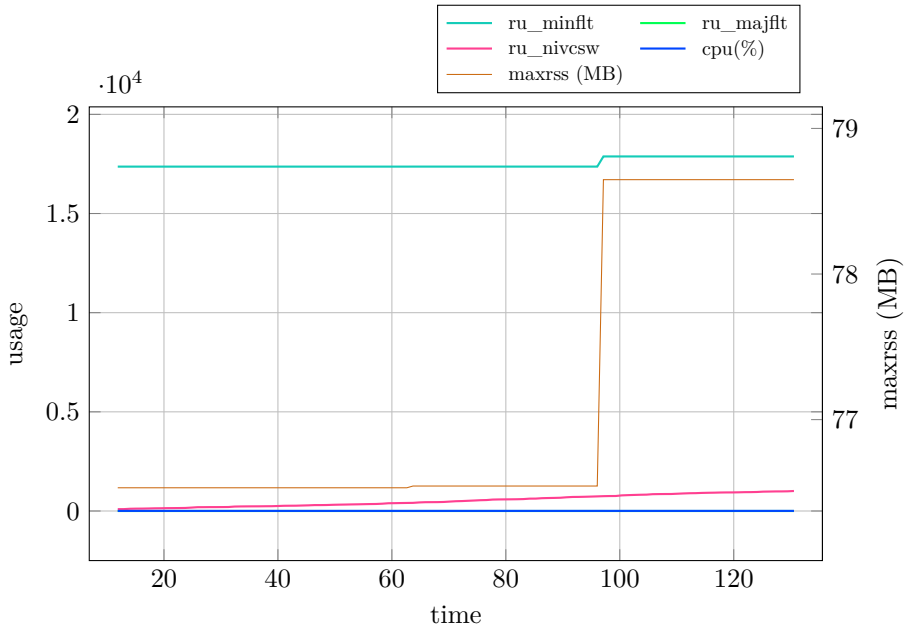
Performance

Logfile name	log_test_topic_29-11-2020_10-27-16
Experiment id	4693b79c-c154-4b27-b39d-bf078ea3f3b7
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0787
received	247.5495
sent	49.5315
lost	0.0
relative_loss	0.0
data_received	524405546.9279
latency_min (ms)	1.2376
latency_max (ms)	6.2998
latency_mean (ms)	4.4199
latency_variance (ms)	0.0014
pub_loop_res_min (ms)	18.033
pub_loop_res_max (ms)	19.3569
pub_loop_res_mean (ms)	18.2876
pub_loop_res_variance (ms)	0.0001
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 (%)	5.4744

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
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