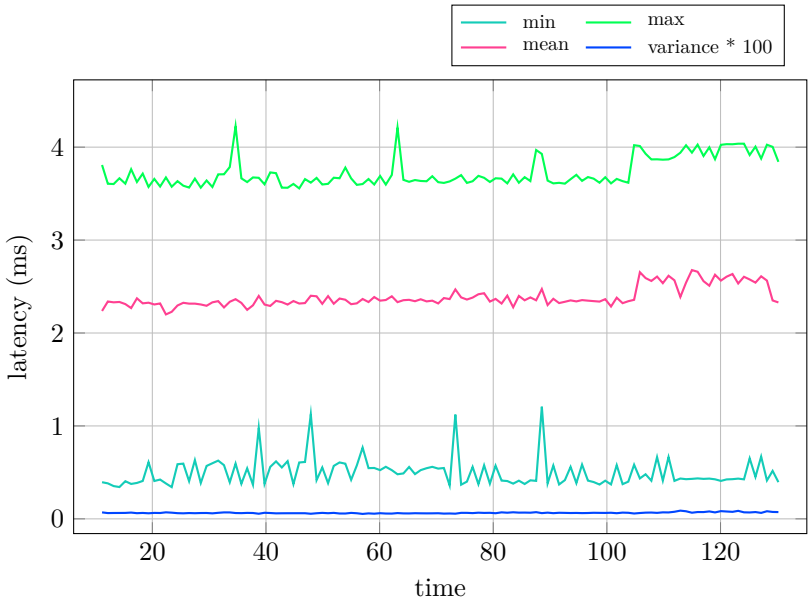
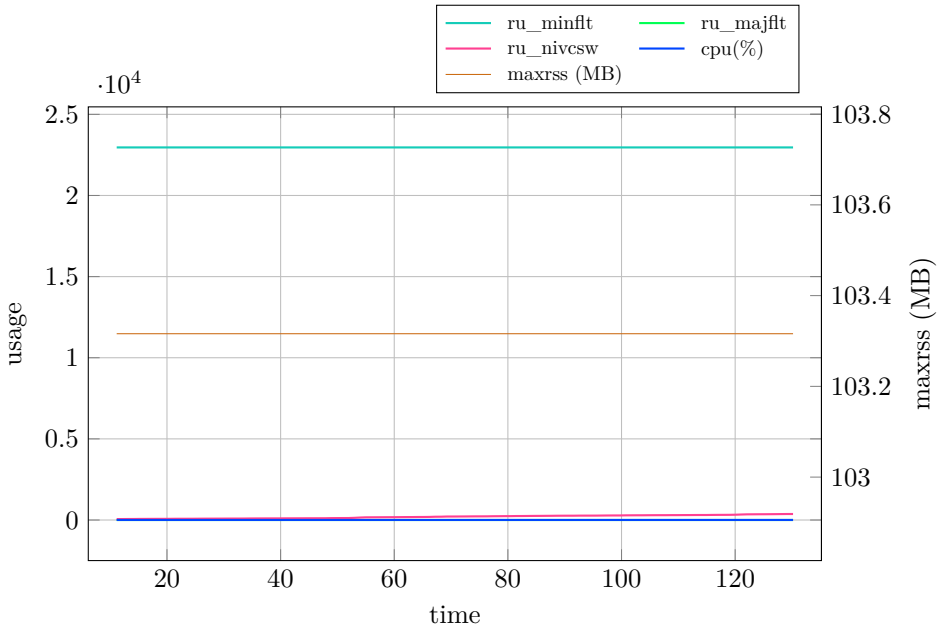
Performance

Logfile name	log_test_topic_29-11-2020_14-03-30
Experiment id	961bc714-1dd7-442c-bd9d-94cd5327ef4a
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0172
received	495.2373
sent	49.5
lost	0.0
relative_loss	0.0
data_received	524528008.5
latency_min (ms)	0.4983
latency_max (ms)	3.7281
latency_mean (ms)	2.3867
latency_variance (ms)	0.0006
pub_loop_res_min (ms)	19.1336
pub_loop_res_max (ms)	19.6948
pub_loop_res_mean (ms)	19.2658
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 (%)	3.8181

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud1m
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0