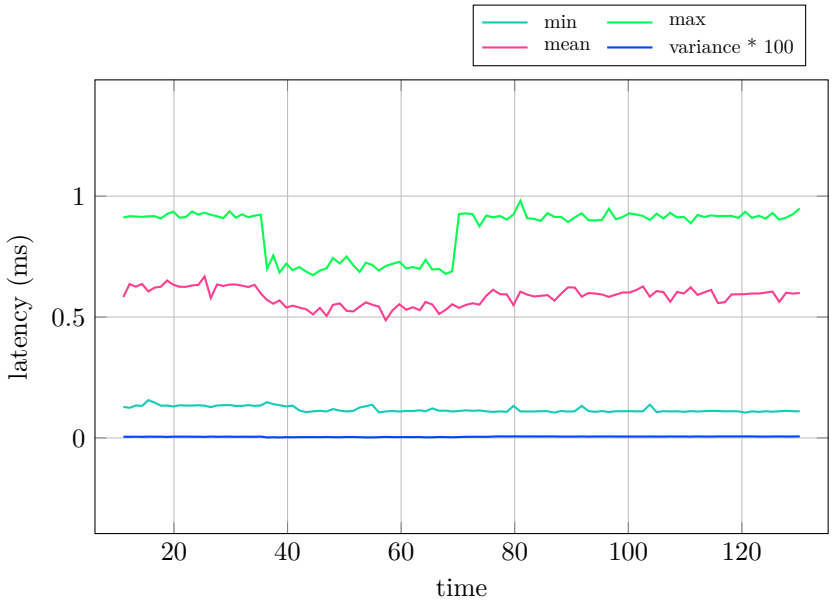
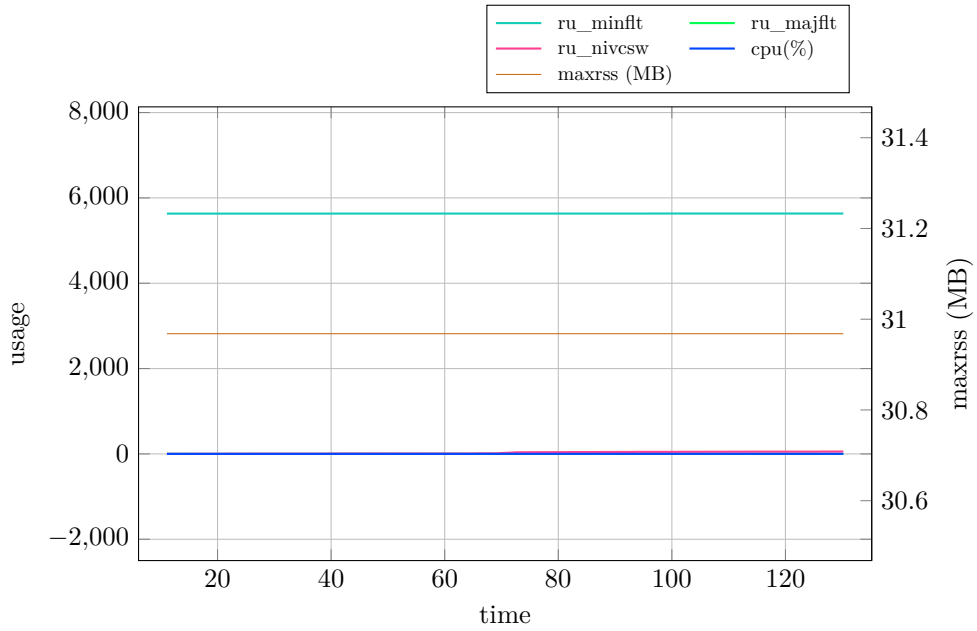
Performance

Logfile name	log_test_topic_30-11-2020_20-39-15
Experiment id	aa228dd5-4f63-450a-827a-bb0a881bed90
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	1.1669
received	47.4951
sent	9.534
lost	0.0
relative_loss	0.0
data_received	26247357.9806
latency_min (ms)	0.1184
latency_max (ms)	0.8585
latency_mean (ms)	0.5842
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.2546
pub_loop_res_max (ms)	99.8427
pub_loop_res_mean (ms)	99.3899
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 (%)	1.3938

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