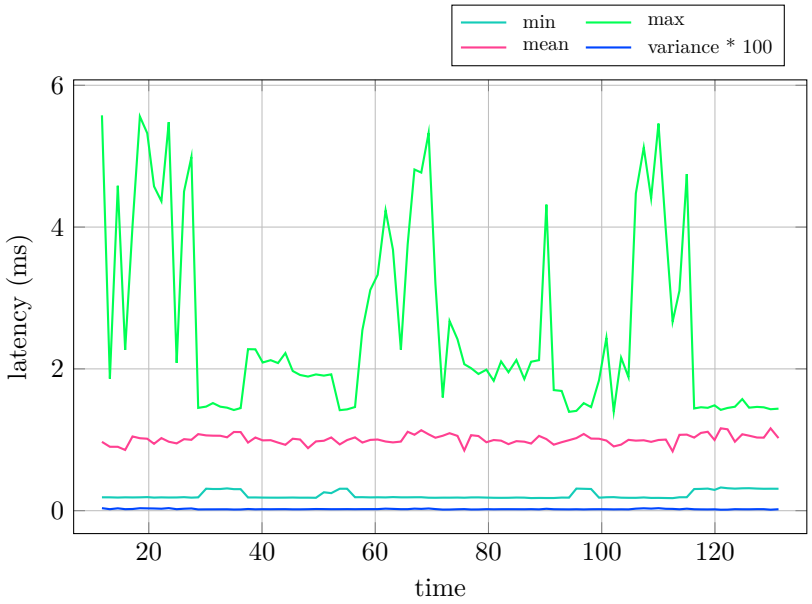
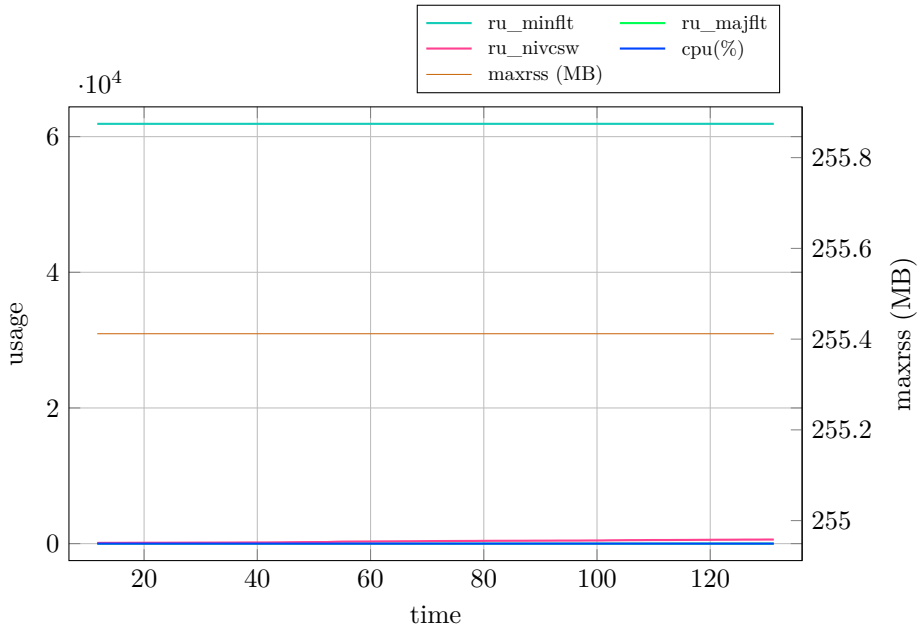
Performance

Logfile name	log_test_topic_28-11-2020_20-14-49
Experiment id	e2f0f3dc-5577-4125-8be2-31918aab9441
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.2988
received	94.8817
sent	9.4624
lost	0.0
relative_loss	0.0
data_received	6777963.0645
latency_min (ms)	0.219
latency_max (ms)	2.5835
latency_mean (ms)	1.0094
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	99.3289
pub_loop_res_max (ms)	99.8805
pub_loop_res_mean (ms)	99.5101
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 (%)	2.7577

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0