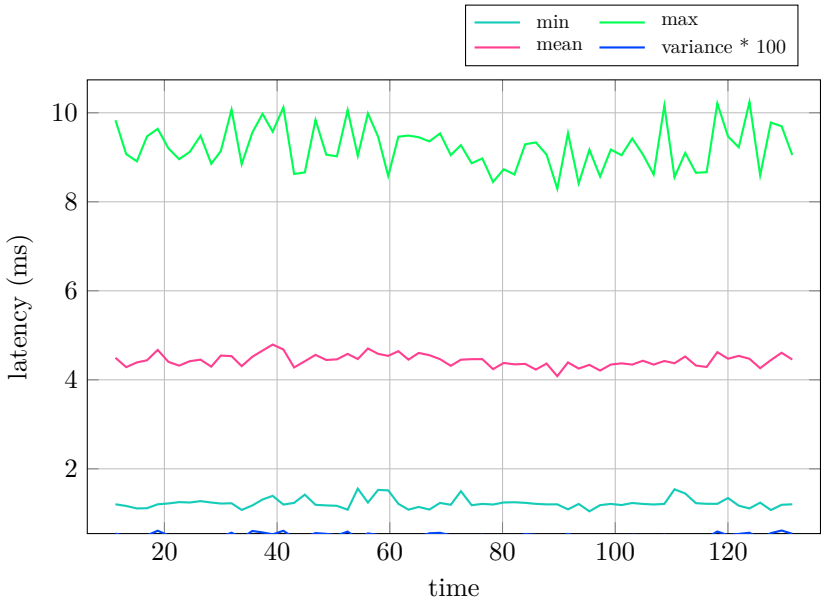
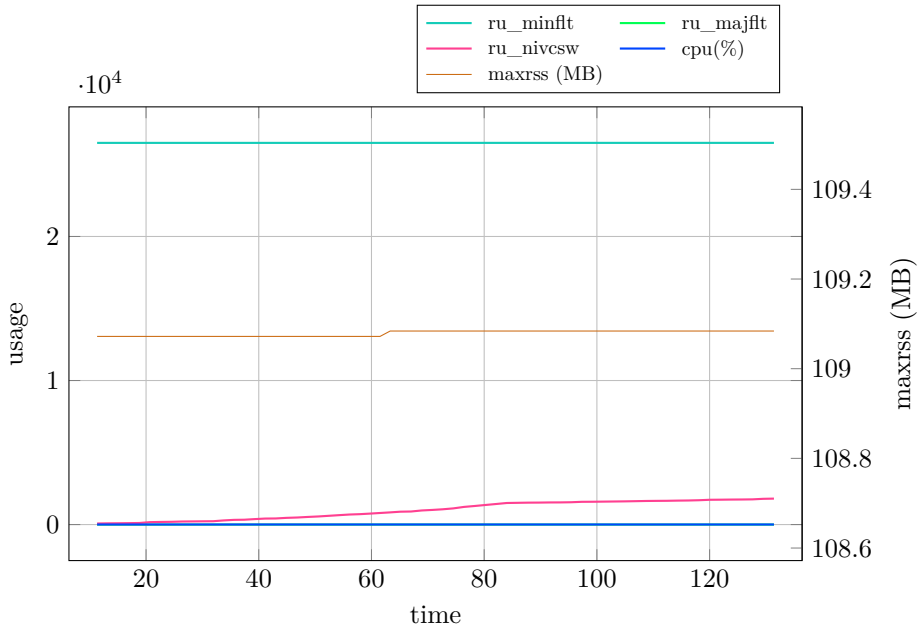
Performance

Logfile name	log_test_topic_28-11-2020_19-21-34
Experiment id	e136ff6e-6943-4a7a-bf29-4740236597fe
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	1.8766
received	94.9538
sent	9.4615
lost	0.0
relative_loss	0.0
data_received	209731964.6615
latency_min (ms)	1.229
latency_max (ms)	9.2278
latency_mean (ms)	4.4382
latency_variance (ms)	0.005
pub_loop_res_min (ms)	97.9429
pub_loop_res_max (ms)	99.4148
pub_loop_res_mean (ms)	98.6954
pub_loop_res_variance (ms)	0.0004
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 (%)	5.8229

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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